

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001945.D
 Acq On : 03 Jul 2018 16:06
 Operator : JU/SJ
 Sample : J3721-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:02:52 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	652168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2983845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1736770	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3821037	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3129165	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2746786	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	45271	3.01	ng/uL	0.00
5) Phenol-d5	6.88	99	1043473	17.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	685750	18.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	864570	18.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	844409	17.86	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	437628	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	481445	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	928190	18.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	941865	18.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2901716	19.78	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3668218	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	380366	14.08	ng/ul	0.00
57) Fluorene-d10	15.33	176	2578447	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	397119	19.08	ng/ul	0.00
70) Anthracene-d10	17.18	188	3925296	21.26	ng/ul	0.00
76) Pyrene-d10	19.49	212	4098178	25.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3172176	21.24	ng/ul	0.02

Target Compounds

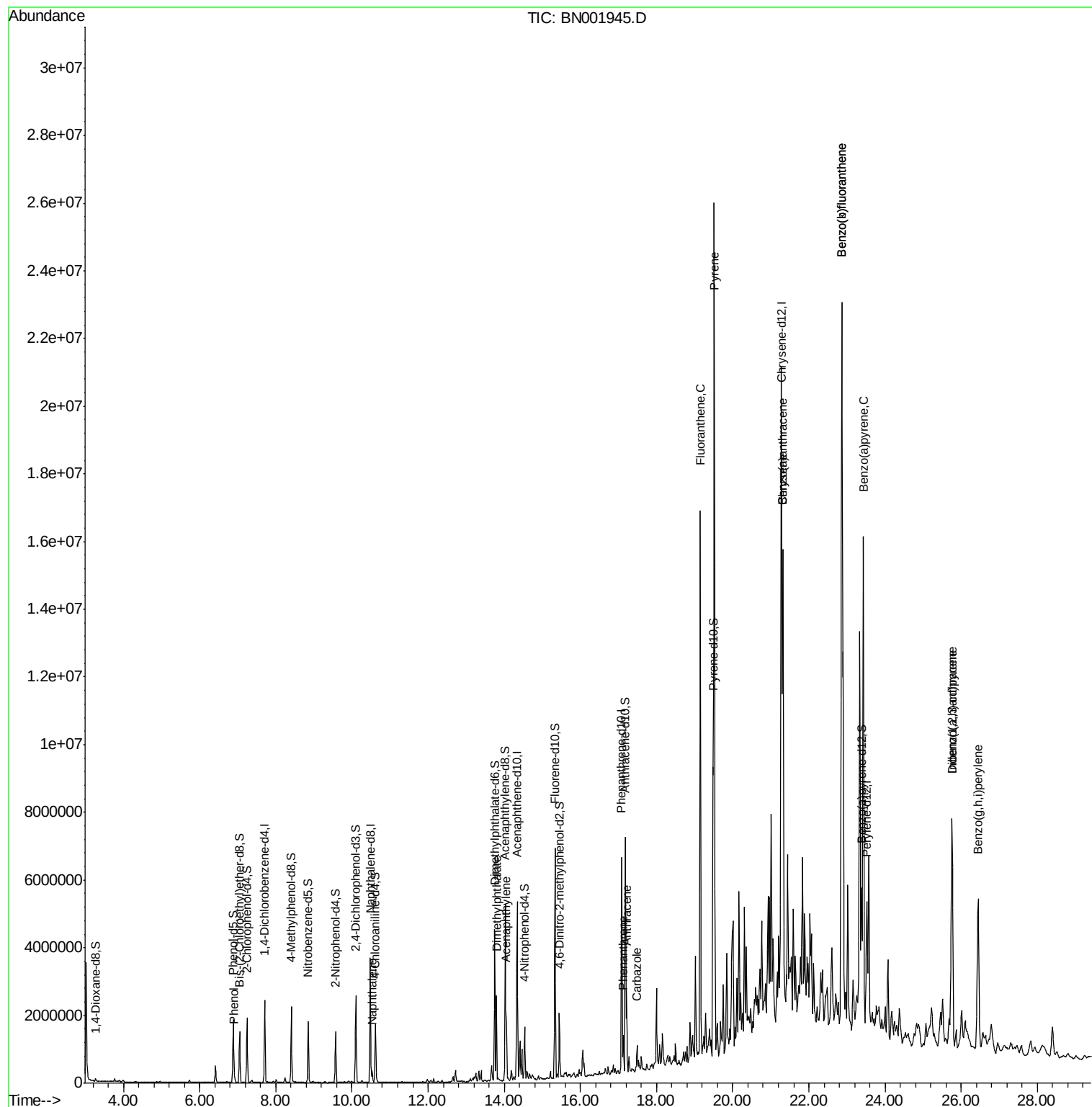
					Ovalue
6) Phenol	6.91	94	128088	2.152	ng/ul 98
28) Naphthalene	10.53	128	285187	1.801	ng/ul 98
44) Dimethylphthalate	13.80	163	1502480	10.423	ng/ul 99
47) Acenaphthylene	14.06	152	1296720	7.420	ng/ul 100
69) Phenanthrene	17.12	178	695637	3.232	ng/ul 99
71) Anthracene	17.22	178	1497320	6.872	ng/ul 98
72) Carbazole	17.49	167	404829	2.218	ng/ul 97
74) Fluoranthene	19.15	202	9612881	42.487	ng/ul# 89
77) Pyrene	19.52	202	14455794	73.821	ng/ul# 71
80) Benzo(a)anthracene	21.32	228	9598220	48.534	ng/ul 93
82) Chrysene	21.32	228	9659784	52.497	ng/ul 96
85) Benzo(b)fluoranthene	22.86	252	17917463	103.279	ng/ul# 92
86) Benzo(k)fluoranthene	22.86	252	17917463	106.505	ng/ul# 91
88) Benzo(a)pyrene	23.43	252	9879295	60.938	ng/ul# 92
89) Indeno(1,2,3-cd)pyrene	25.76	276	6722576	38.970	ng/ul# 90
90) Dibenzo(a,h)anthracene	25.76	278	1745732	12.159	ng/ul# 89
91) Benzo(g,h,i)perylene	26.44	276	5341115	37.534	ng/ul# 92

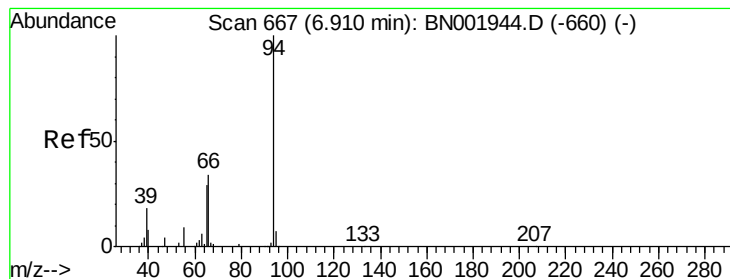
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001945.D
Acq On : 03 Jul 2018 16:06
Operator : JU/SJ
Sample : J3721-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 01:02:52 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





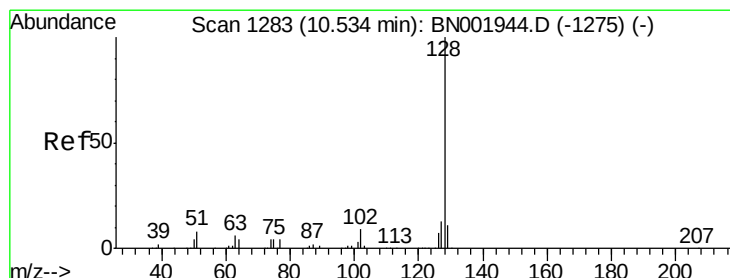
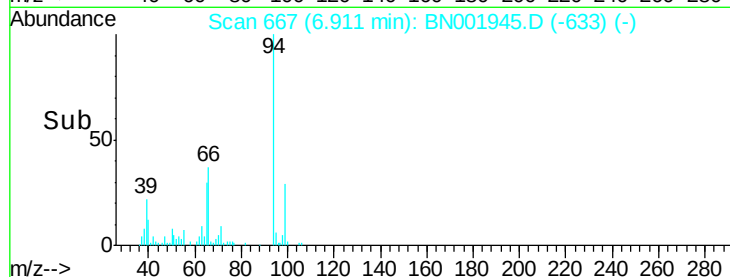
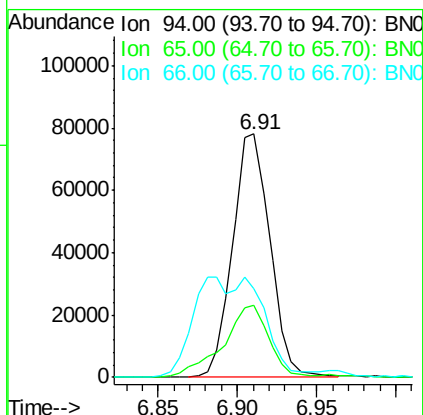
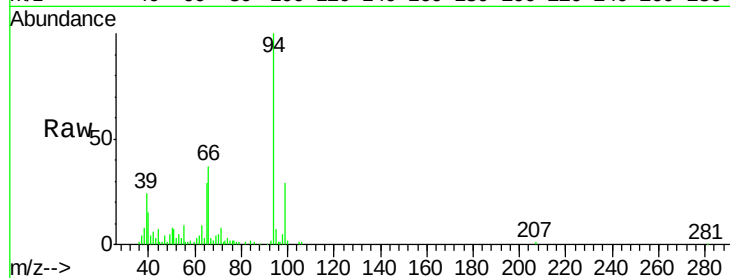
#6

Phenol

Concen: 2.152 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Instrument :
 BNA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.0	34.6
66	36.5	30.4	45.6

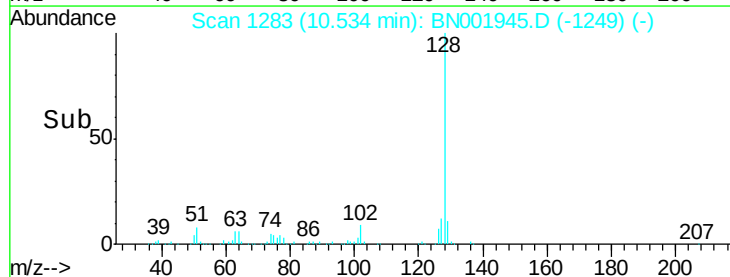
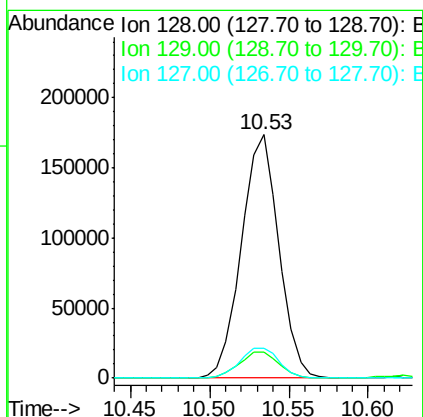
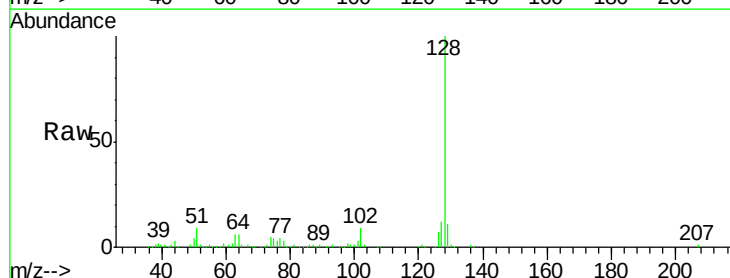


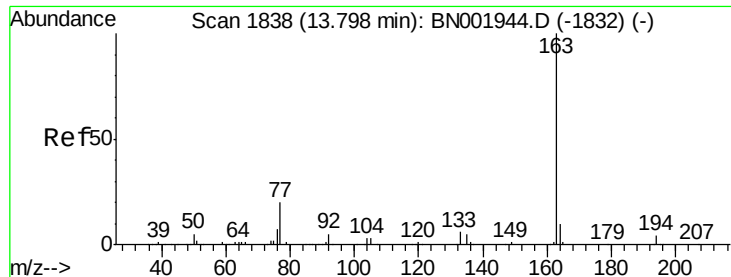
#28

Naphthalene

Concen: 1.801 ng/ul
 RT: 10.53 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BN001945.D
 Acq: 03 Jul 2018 16:06

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	12.5	10.8	16.2





#44

Dimethylphthalate

Concen: 10.423 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

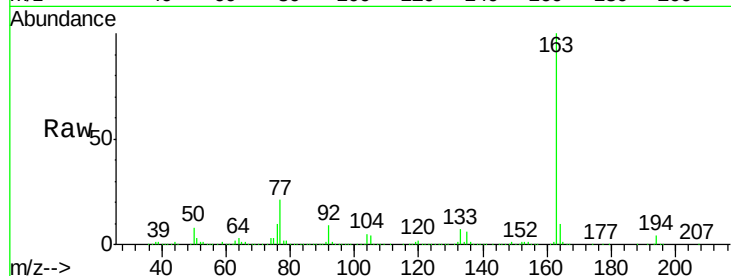
Tot Ion:163 Resp: 1502480

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

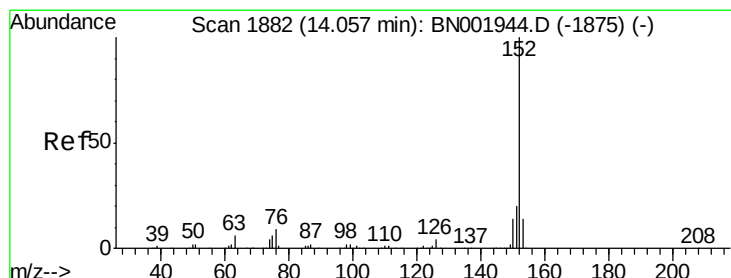
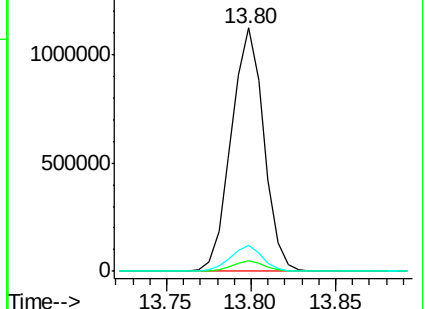
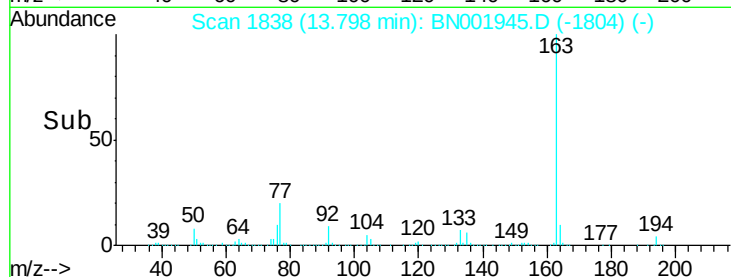
164 10.5 8.4 12.6



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: 7.420 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

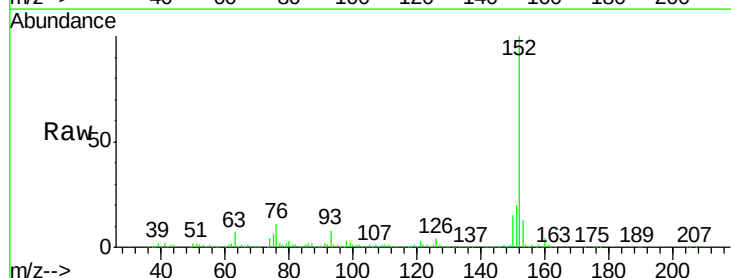
Tgt Ion:152 Resp: 1296720

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

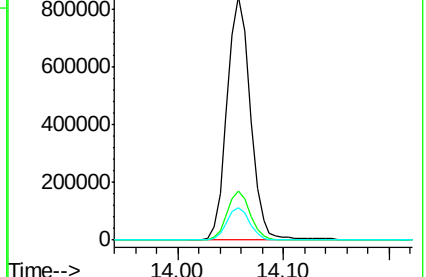
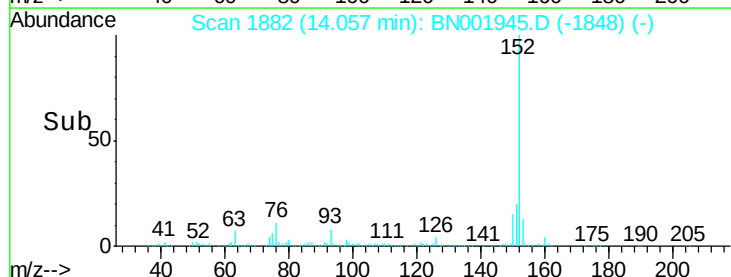
153 13.2 10.8 16.2

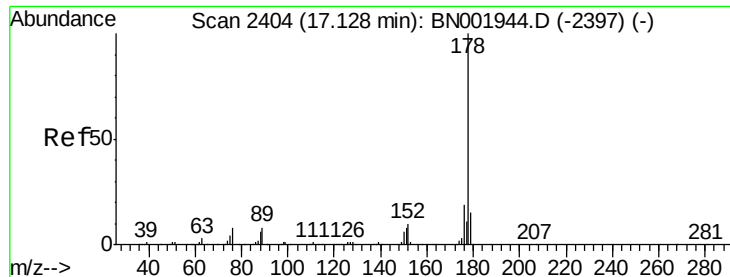


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 3.232 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

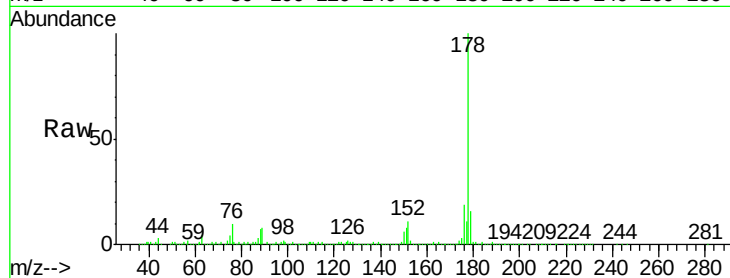
Tot Ion:178 Resp: 695637

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

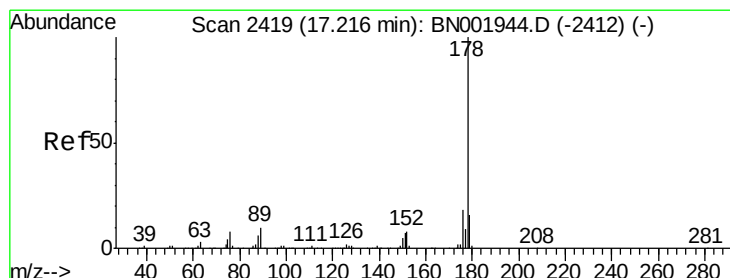
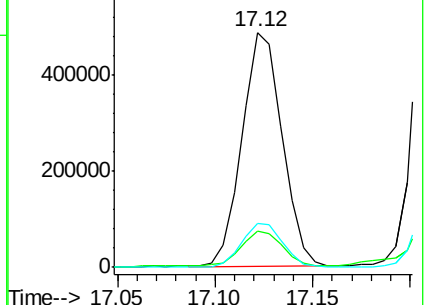
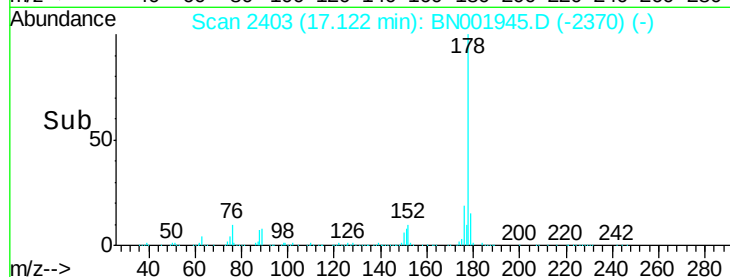
176 18.8 15.4 23.0



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: 6.872 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

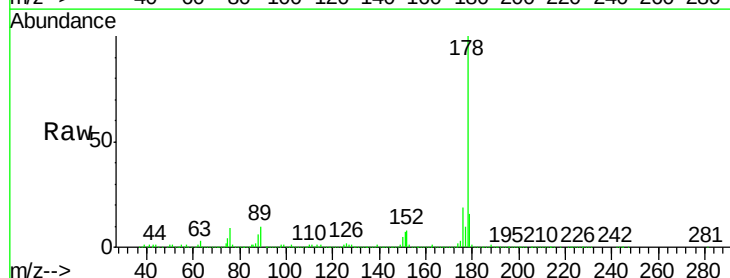
Tgt Ion:178 Resp: 1497320

Ion Ratio Lower Upper

178 100

179 15.5 13.4 20.2

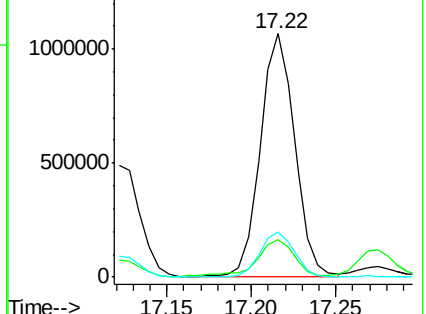
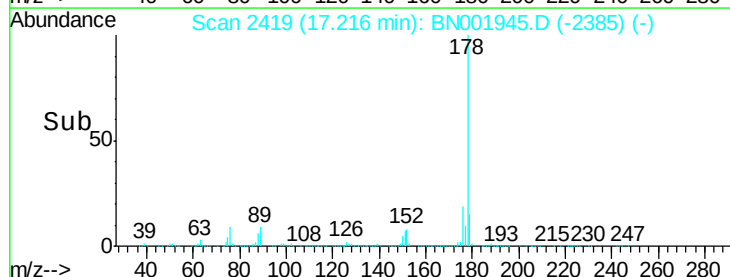
176 18.7 15.4 23.0

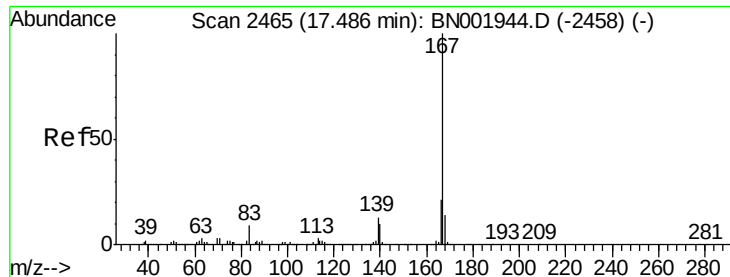


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 2.218 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

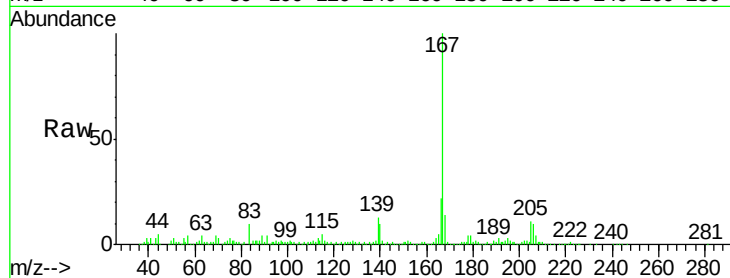
Tot Ion:167 Resp: 404829

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.4

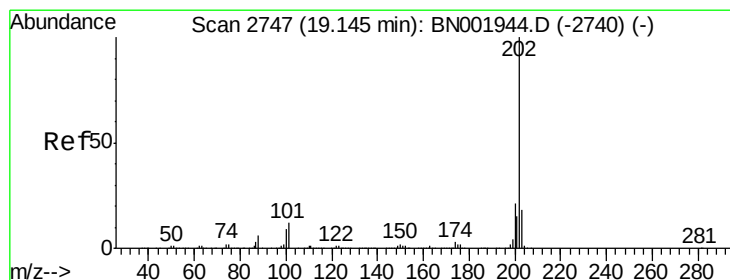
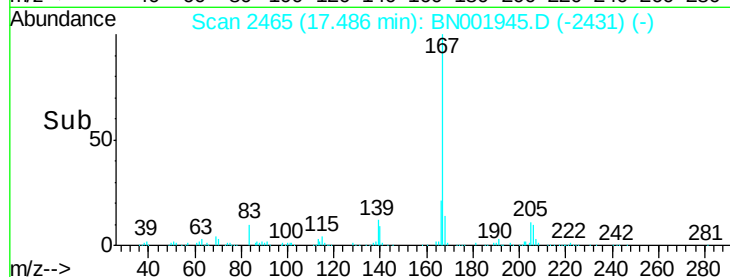
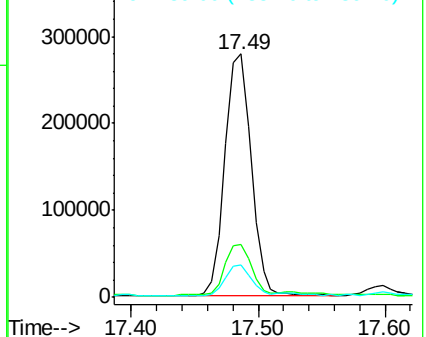
139 13.4 9.1 13.7



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: 42.487 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

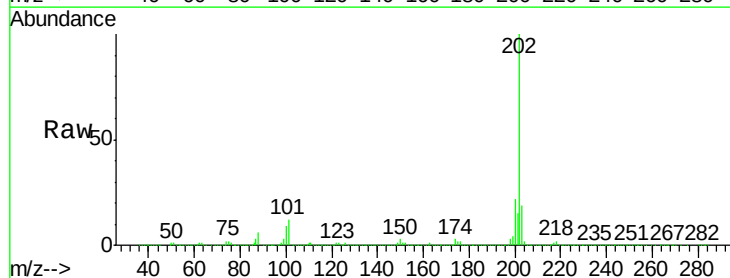
Tgt Ion:202 Resp: 9612881

Ion Ratio Lower Upper

202 100

101 11.9 6.1 9.1#

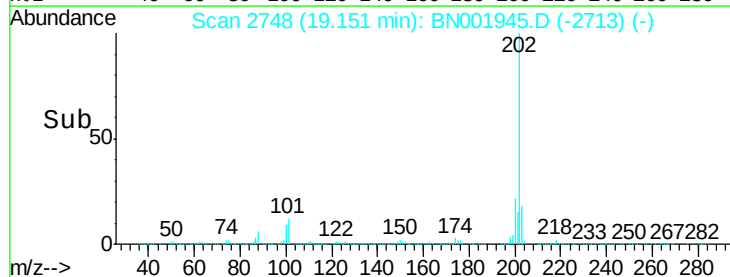
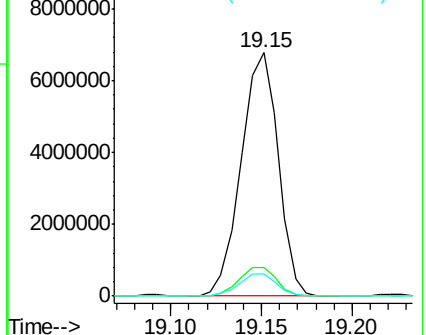
100 9.1 4.6 7.0#

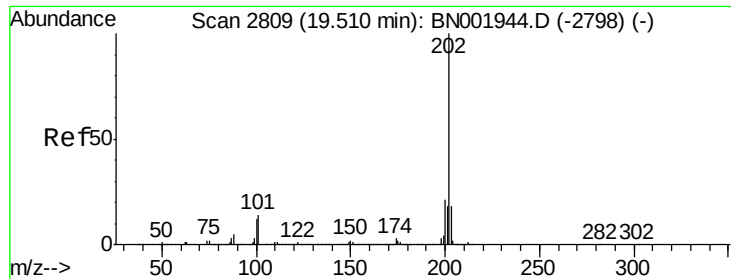


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 73.821 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

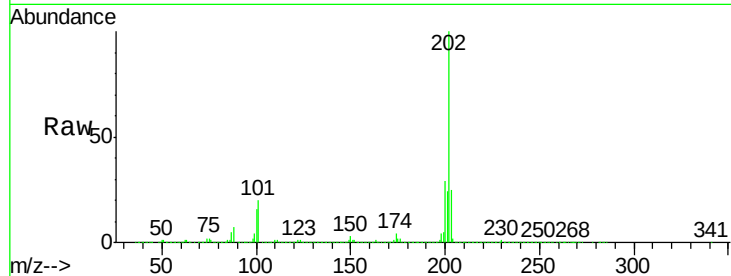
Tot Ion:202 Resp:14455794

Ion Ratio Lower Upper

202 100

101 19.5 6.9 10.3#

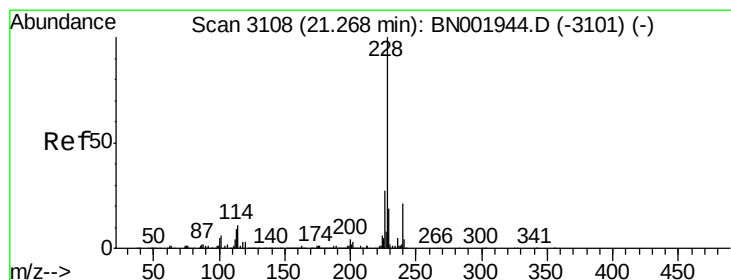
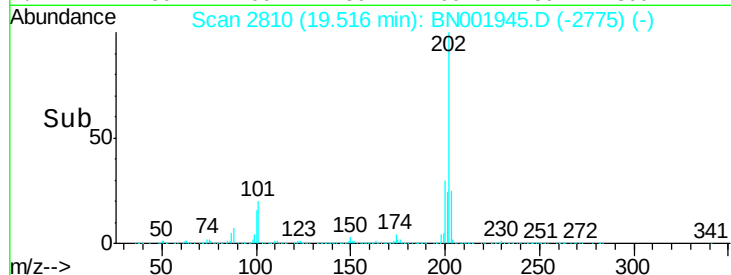
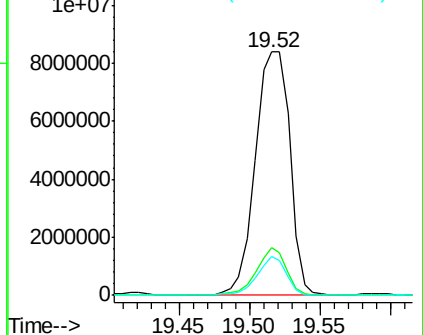
100 16.0 5.6 8.4#



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: 48.534 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.05 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

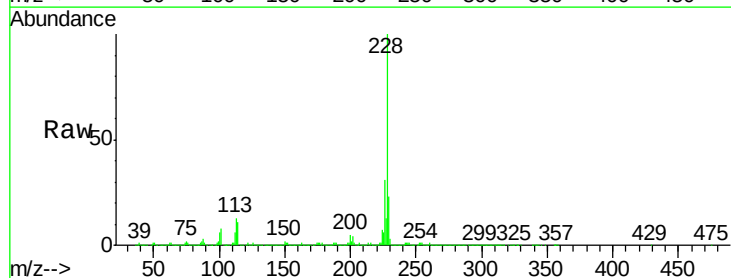
Tgt Ion:228 Resp: 9598220

Ion Ratio Lower Upper

228 100

229 23.0 16.0 24.0

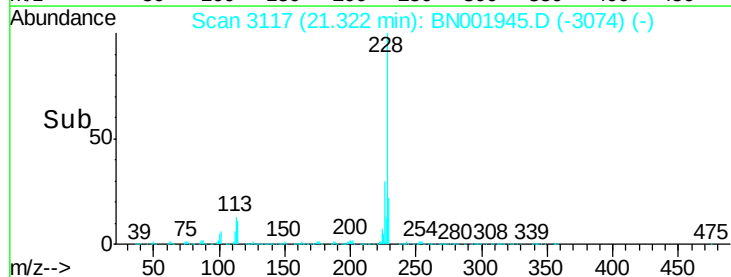
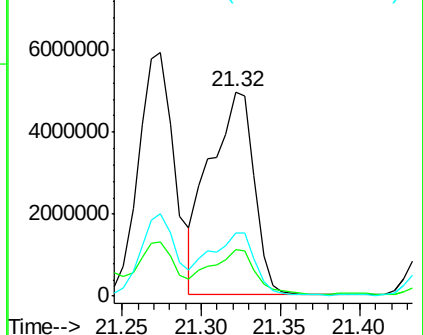
226 30.9 21.8 32.8

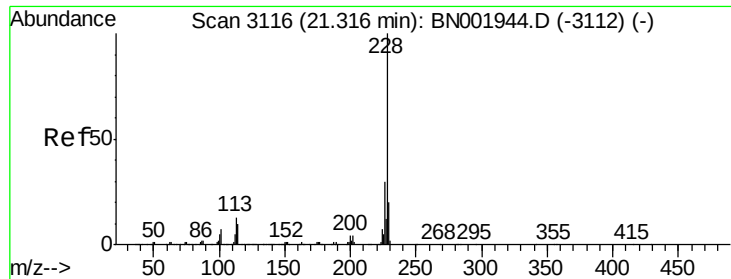


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 52.497 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

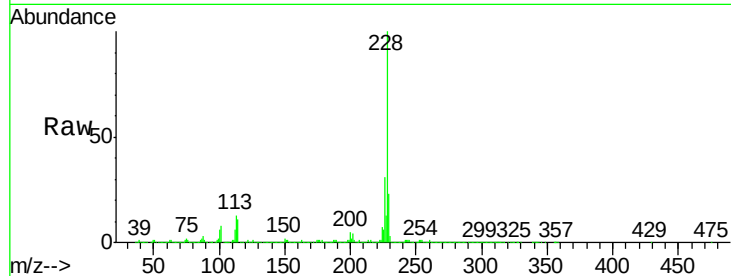
Tot Ion:228 Resp: 9659784

Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

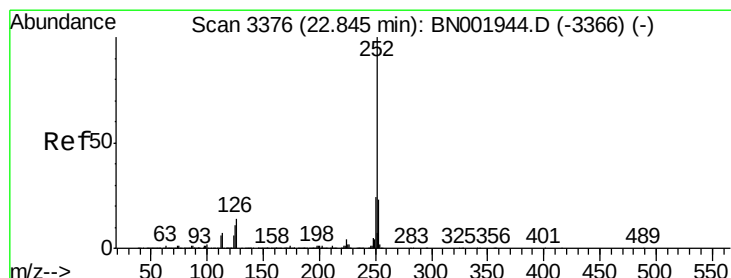
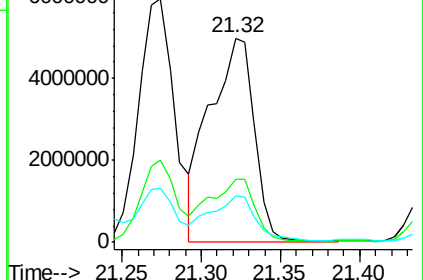
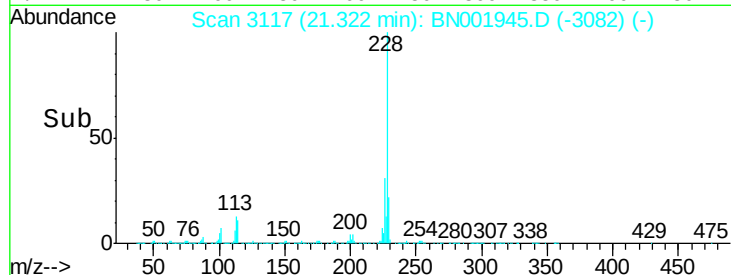
229 23.0 16.0 24.0



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: 103.279 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.02 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

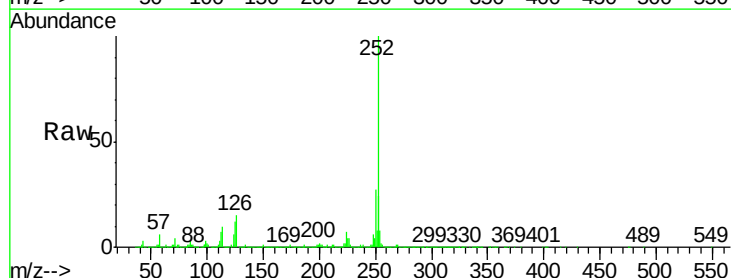
Tgt Ion:252 Resp:17917463

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

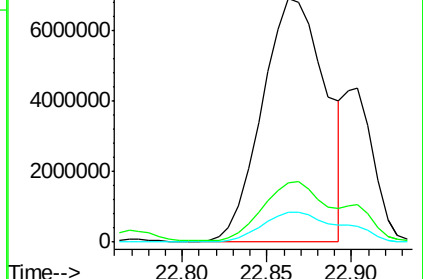
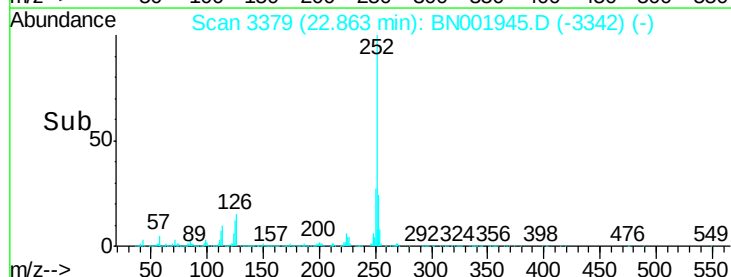
125 12.4 4.9 7.3#

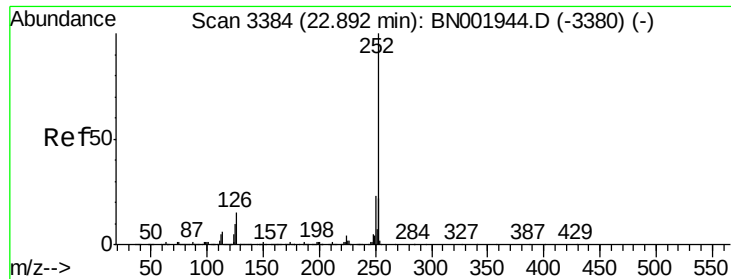


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

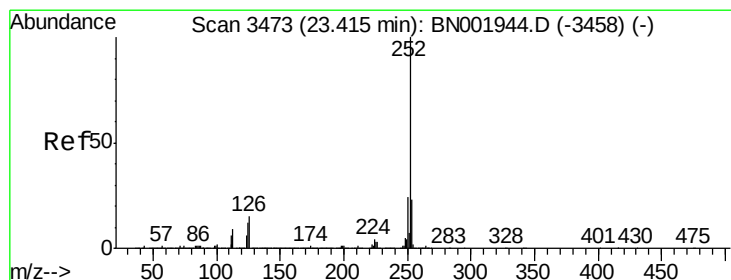
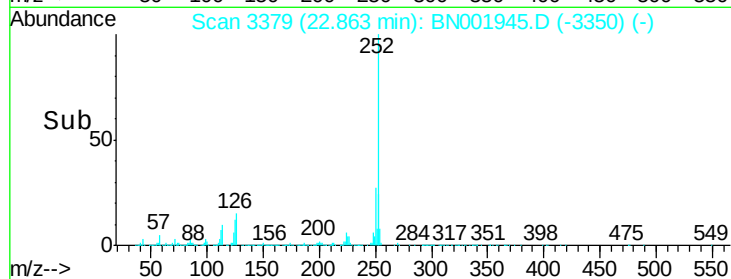
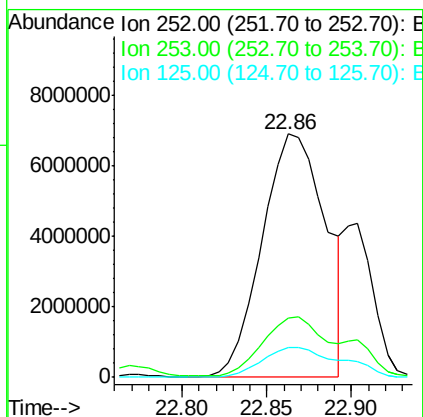
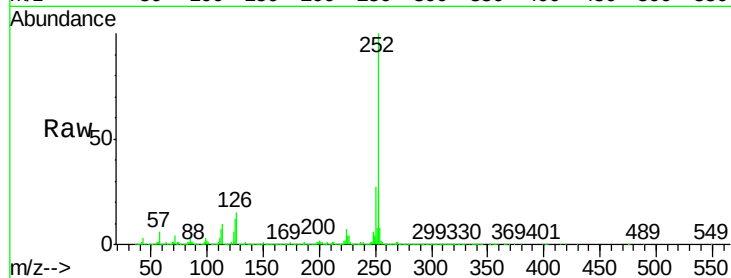




#86
Benzo(k)fluoranthene
Concen: 106.505 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.03 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

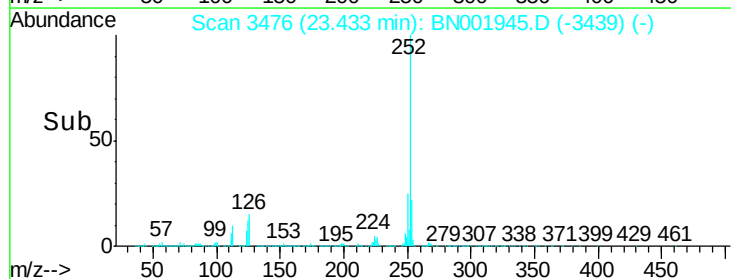
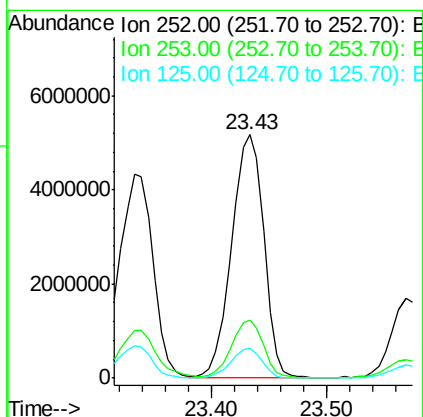
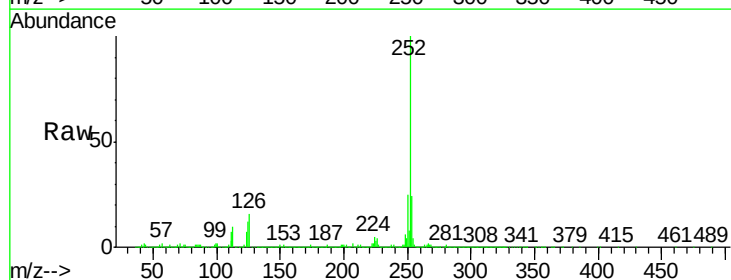
Instrument :
BNA_N
ClientSampleId :

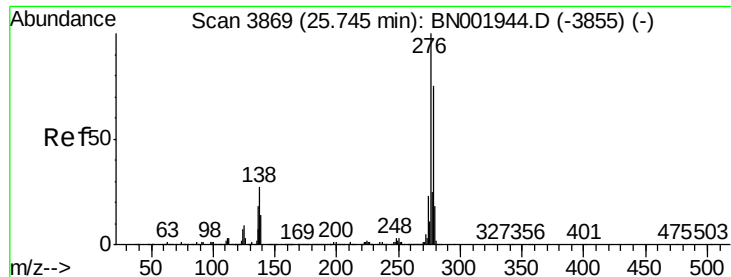
Tot Ion:252 Resp:17917463
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 12.4 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 60.938 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. 0.02 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Tgt Ion:252 Resp: 9879295
Ion Ratio Lower Upper
252 100
253 24.1 17.2 25.8
125 12.2 5.8 8.6#



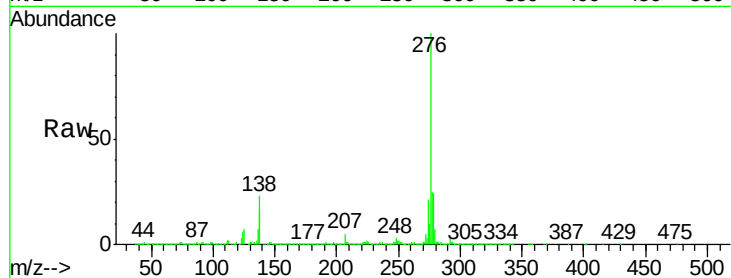


#89

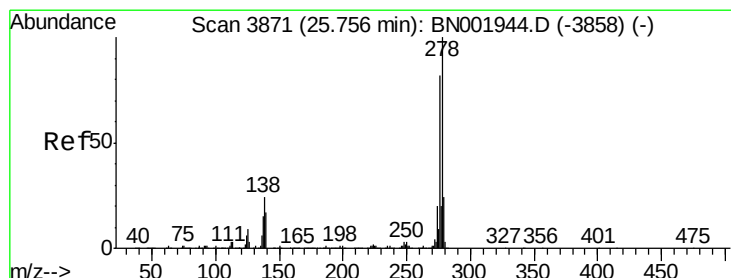
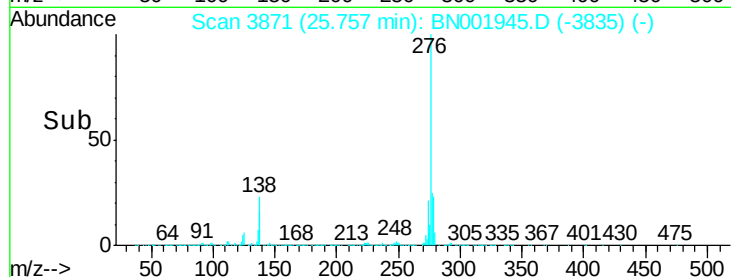
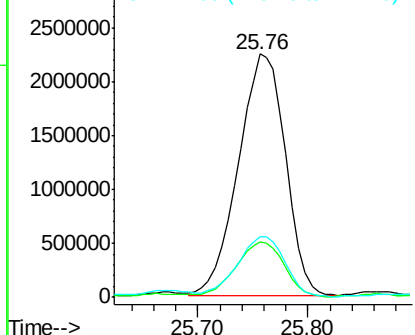
Indeno(1,2,3-cd)pyrene
Concen: 38.970 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 6722576
Ion Ratio Lower Upper
276 100
138 22.6 10.9 16.3#
277 24.9 18.9 28.3



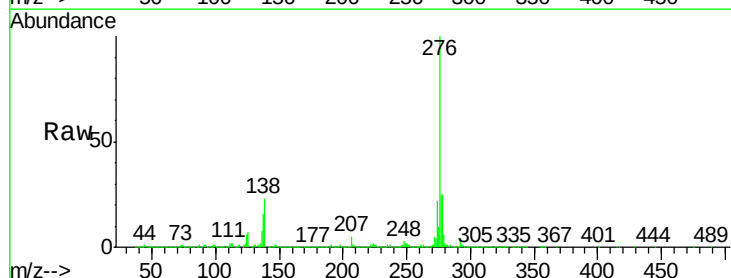
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



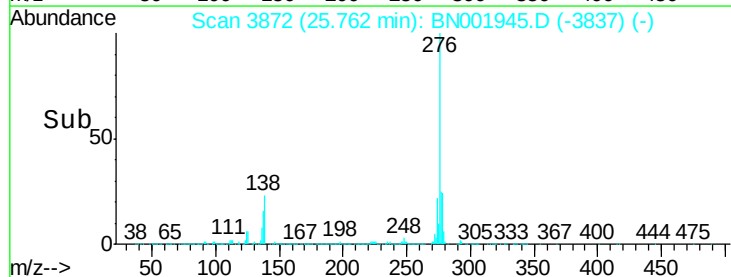
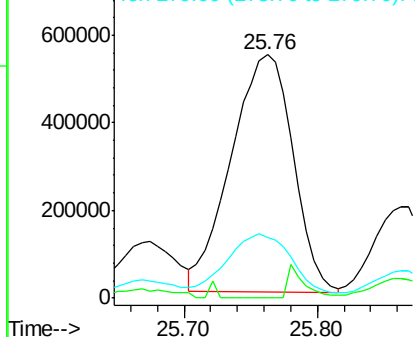
#90

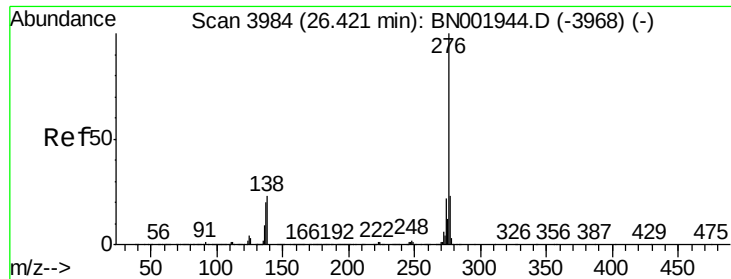
Dibenzo(a,h)anthracene
Concen: 12.159 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001945.D
Acq: 03 Jul 2018 16:06

Tgt Ion:278 Resp: 1745732
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 25.1 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: 37.534 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. 0.02 min

Lab File: BN001945.D

Acq: 03 Jul 2018 16:06

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 5341115

Ion Ratio Lower Upper

276 100

138 22.8 11.2 16.8#

277 24.1 19.0 28.6

