

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001952.D
 Acq On : 03 Jul 2018 20:14
 Operator : JU/SJ
 Sample : J3721-14 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:04:11 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	713953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3150788	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1719054	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3216830	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	1929691	20.00	ng/ul	0.01
83) Perylene-d12	23.39	264	548375	20.00	ng/ul	-0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10717	0.65	ng/uL	0.00
5) Phenol-d5	6.88	99	257099	3.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	168461	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	216511	4.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	205497	3.97	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	104478	4.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	106655	4.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	213021	4.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	158455	2.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	647553	4.46	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	827637	4.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	36557	1.37	ng/ul	0.00
57) Fluorene-d10	15.33	176	566954	4.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	41169	2.35	ng/ul	0.00
70) Anthracene-d10	17.18	188	736632	4.74	ng/ul	0.00
76) Pyrene-d10	19.49	212	596536	6.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	1047	0.04	ng/ul	-0.11

Target Compounds

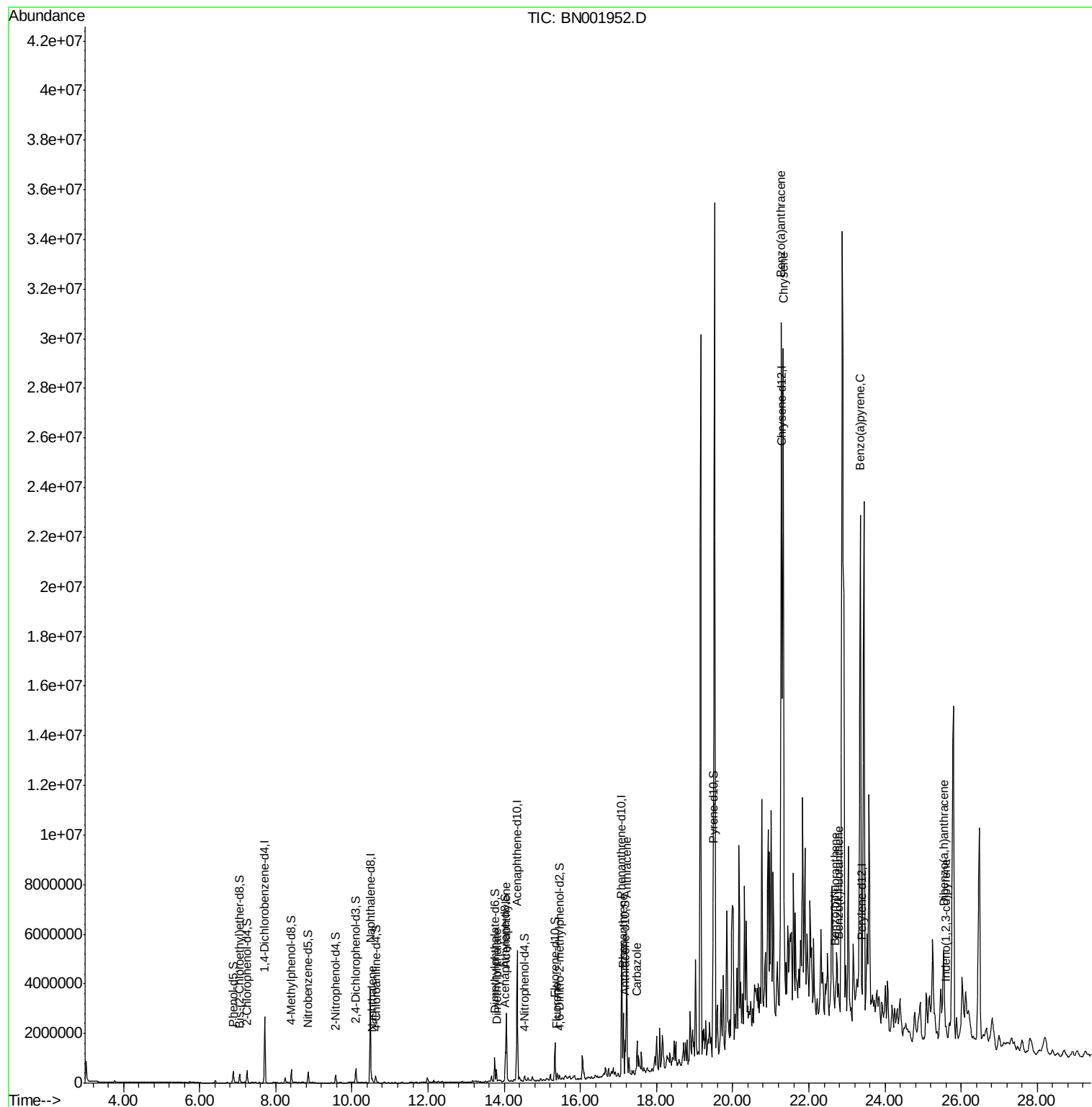
					Ovalue	
28) Naphthalene	10.53	128	170920	1.022	ng/ul	99
44) Dimethylphthalate	13.80	163	277703	1.946	ng/ul#	96
47) Acenaphthylene	14.06	152	2067931	11.955	ng/ul	100
58) Fluorene	15.39	166	146411	1.066	ng/ul	99
69) Phenanthrene	17.13	178	1593530	8.794	ng/ul	99
71) Anthracene	17.22	178	3322191	18.112	ng/ul	98
72) Carbazole	17.49	167	700875	4.561	ng/ul	97
80) Benzo(a)anthracene	21.27	228	14775232	121.152	ng/ul#	81
82) Chrysene	21.33	228	16491228	145.331	ng/ul#	87
85) Benzo(b)fluoranthene	22.69	252	93858	2.710	ng/ul#	35
86) Benzo(k)fluoranthene	22.78	252	198185	5.901	ng/ul#	1
88) Benzo(a)pyrene	23.35	252	15552127	480.510	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	25.60	276	248898	7.227	ng/ul#	57
90) Dibenzo(a,h)anthracene	25.54	278	1272722	44.404	ng/ul	93

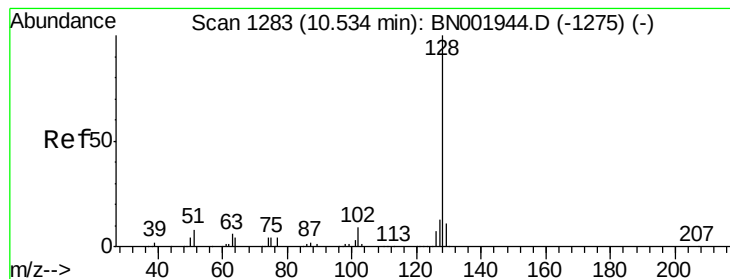
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001952.D
Acq On : 03 Jul 2018 20:14
Operator : JU/SJ
Sample : J3721-14 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 01:04:11 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





#28

Naphthalene

Concen: 1.022 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

Instrument :

BNA_N

ClientSampled :

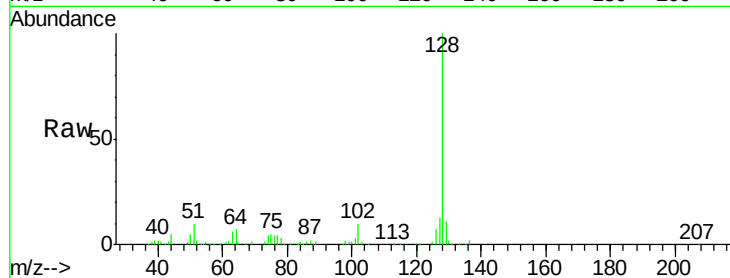
Tot Ion:128 Resp: 170920

Ion Ratio Lower Upper

128 100

129 11.1 8.3 12.5

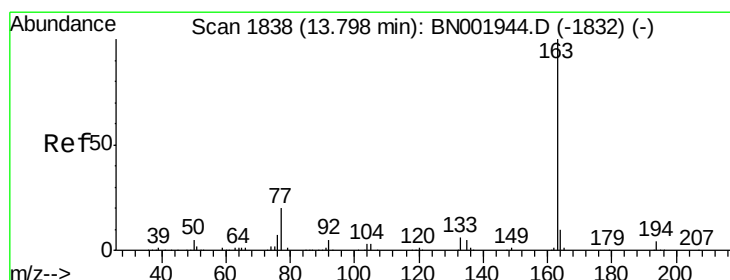
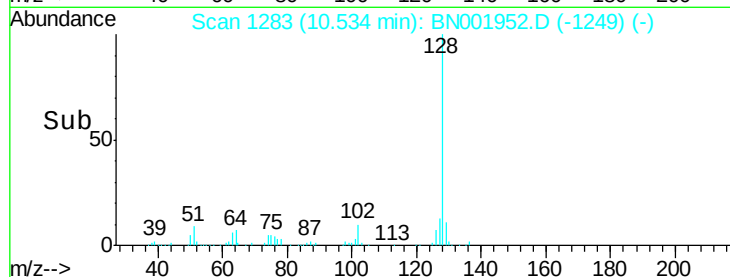
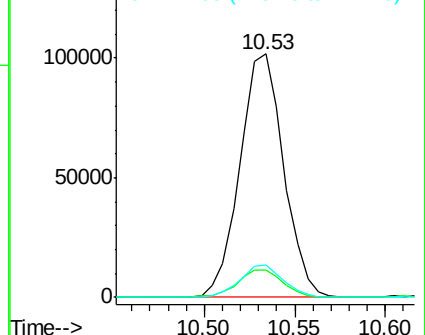
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 1.946 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

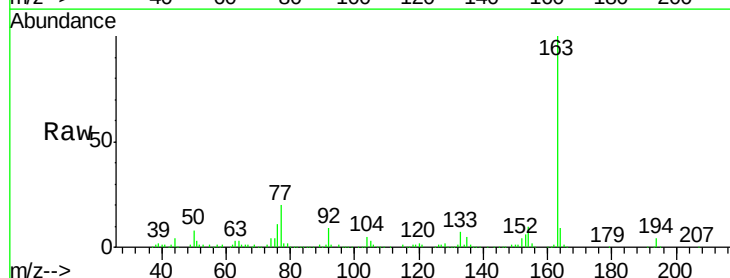
Tgt Ion:163 Resp: 277703

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

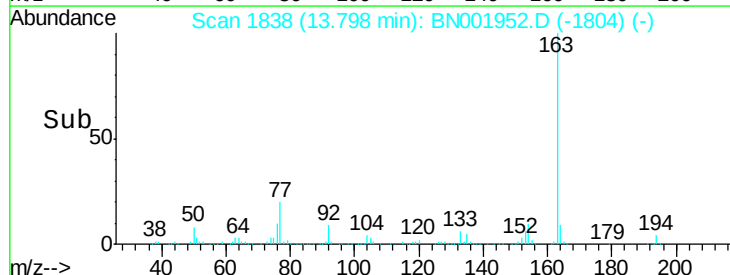
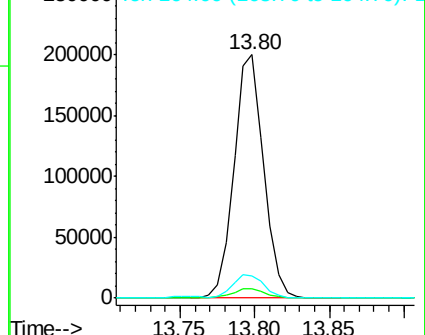
164 9.1 8.4 12.6

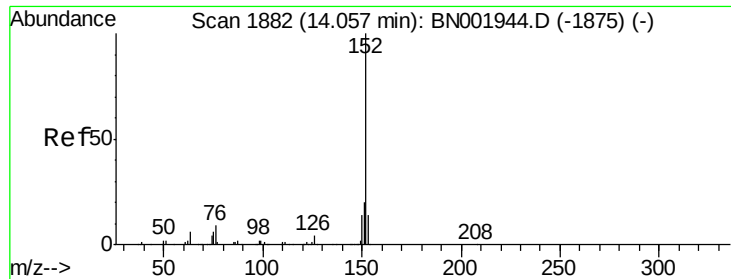


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 11.955 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

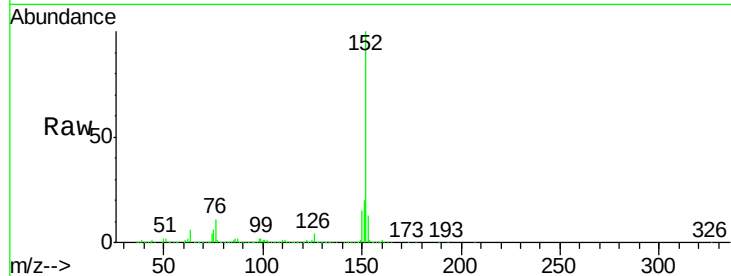
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 2067931

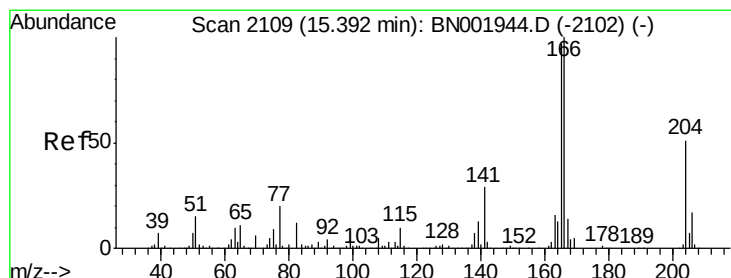
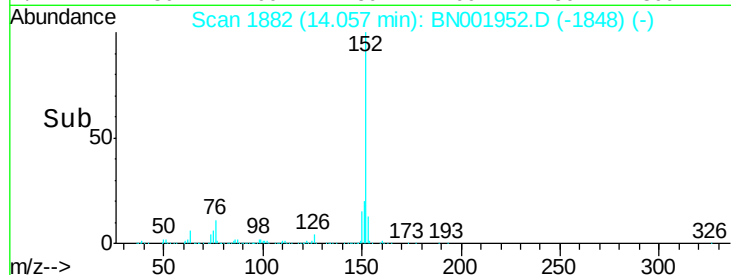
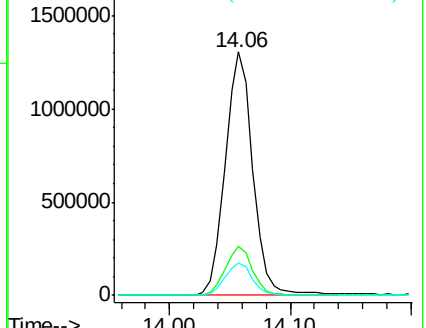
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.1	10.8	16.2



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



#58

Fluorene

Concen: 1.066 ng/ul

RT: 15.39 min Scan# 2108

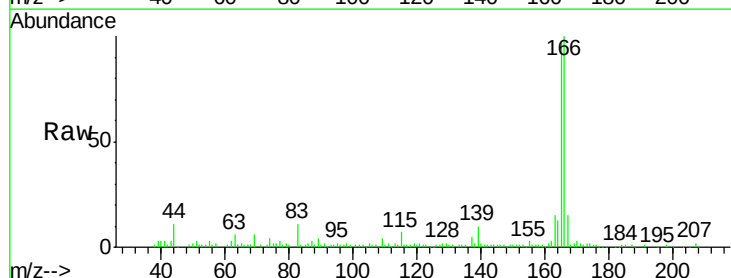
Delta R.T. -0.01 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

Tgt Ion:166 Resp: 146411

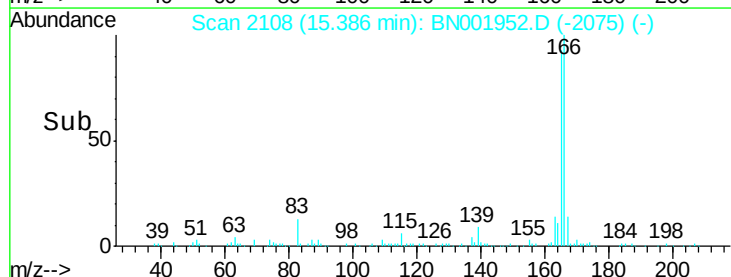
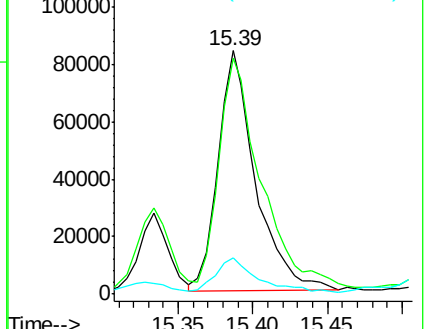
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.4	117.6
167	15.1	11.1	16.7

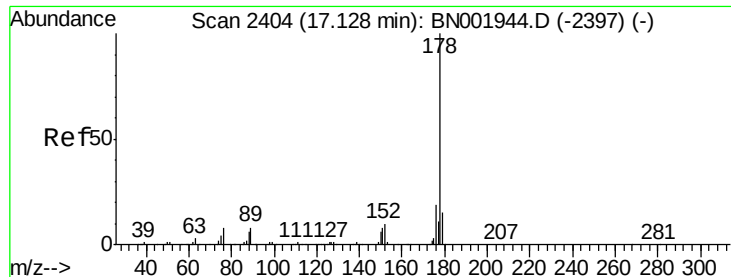


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 8.794 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

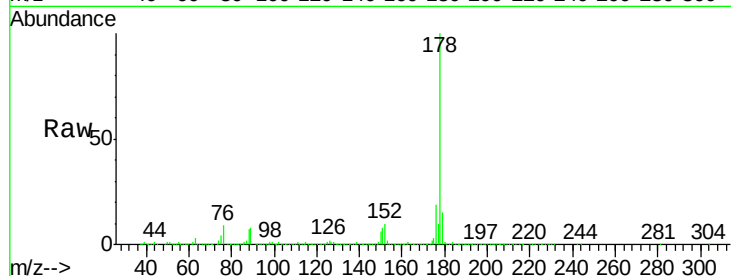
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1593530

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.5	15.4	23.0

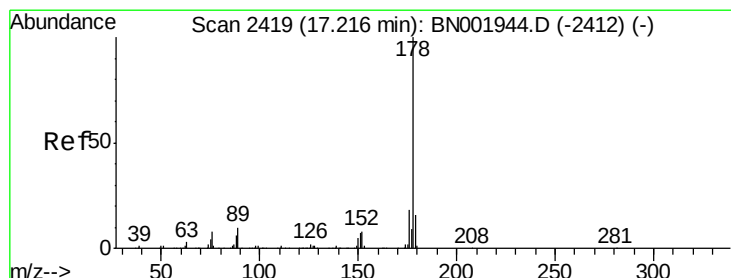
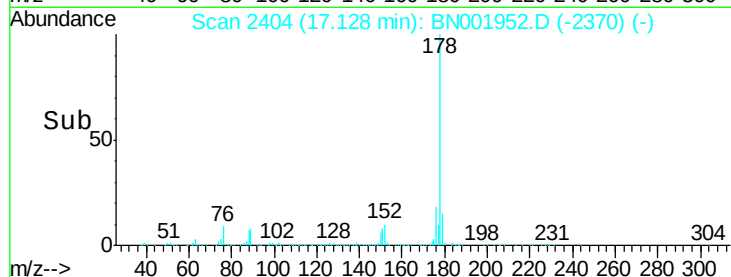
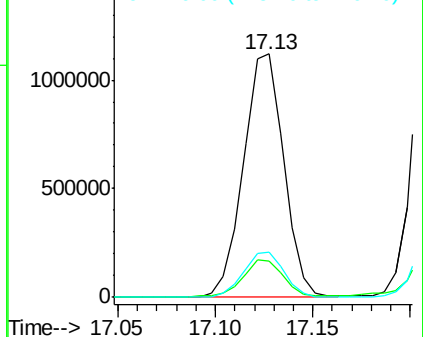


Abundance

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: 18.112 ng/ul

RT: 17.22 min Scan# 2419

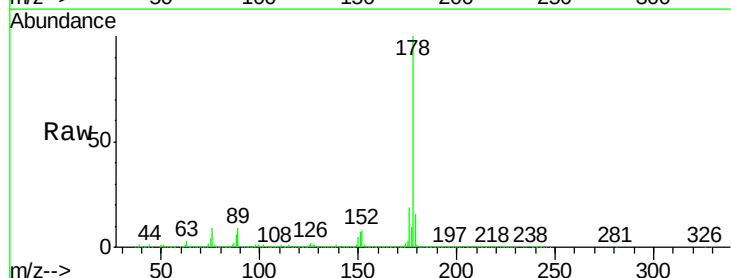
Delta R.T. 0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

Tgt Ion:178 Resp: 3322191

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	18.6	15.4	23.0

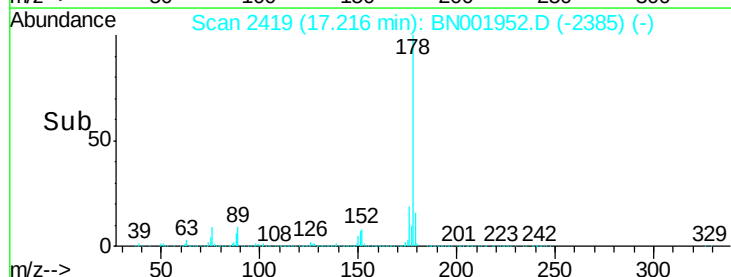
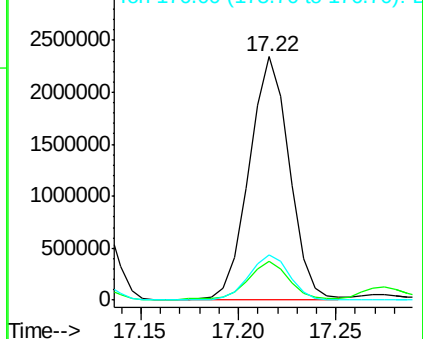


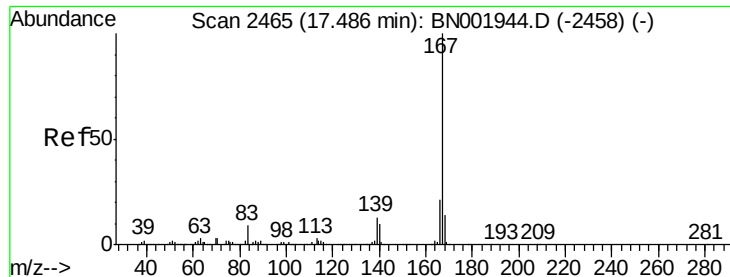
Abundance

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: 4.561 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

Instrument :

BNA_N

ClientSampleId :

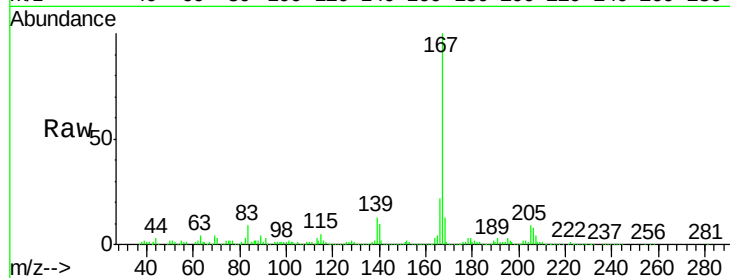
Tot Ion:167 Resp: 700875

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.4

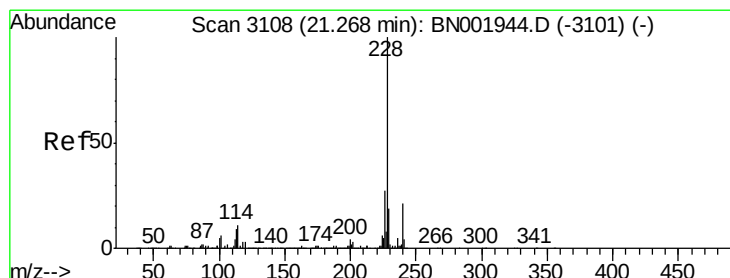
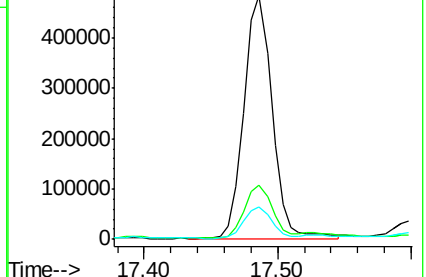
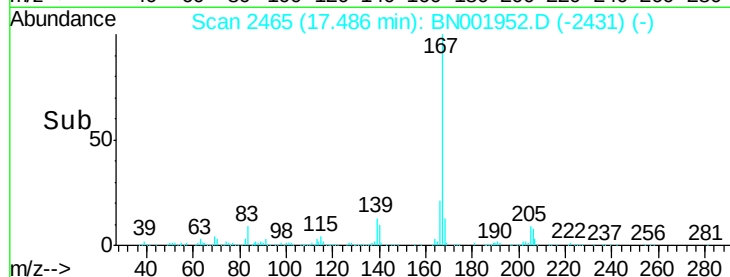
139 13.4 9.1 13.7



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



#80

Benzo(a)anthracene

Concen: 121.152 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BN001952.D

Acq: 03 Jul 2018 20:14

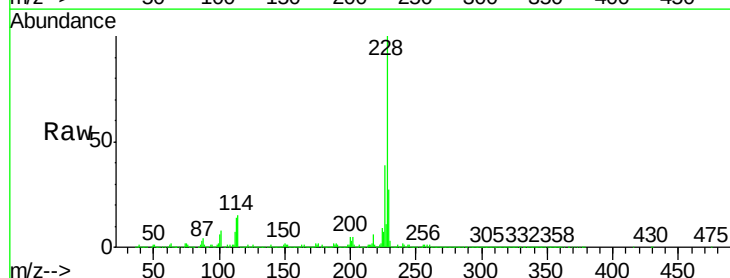
Tgt Ion:228 Resp:14775232

Ion Ratio Lower Upper

228 100

229 26.5 16.0 24.0#

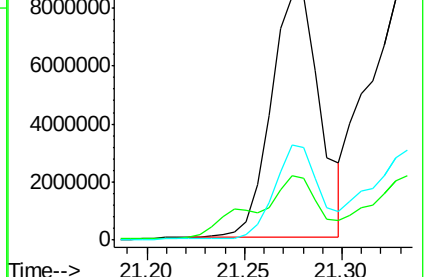
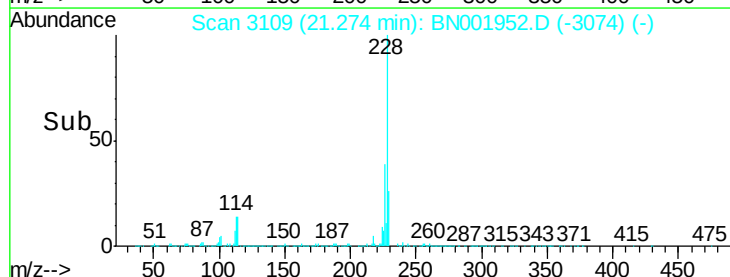
226 39.3 21.8 32.8#

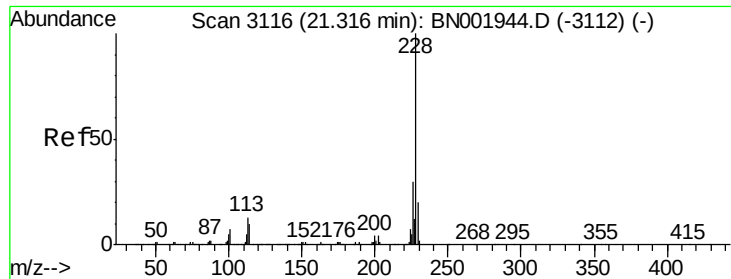


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

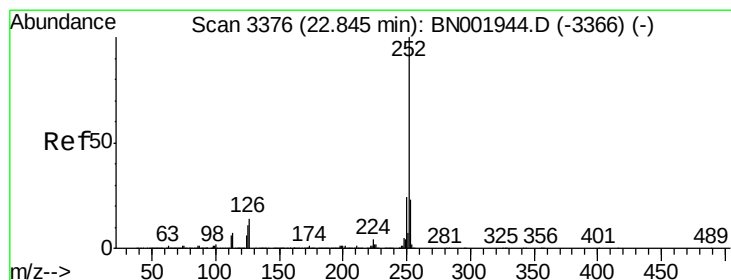
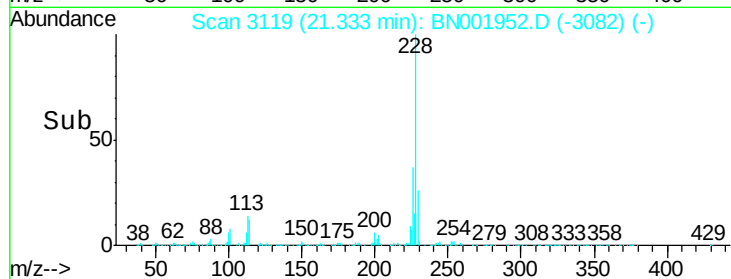
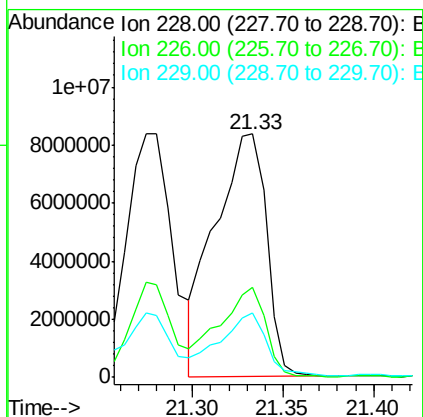
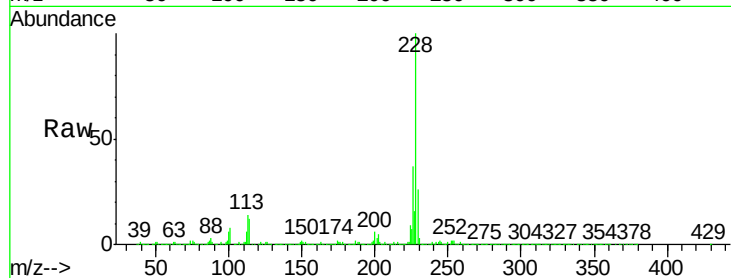




#82
Chrysene
Concen: 145.331 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. 0.02 min
Lab File: BN001952.D
Acq: 03 Jul 2018 20:14

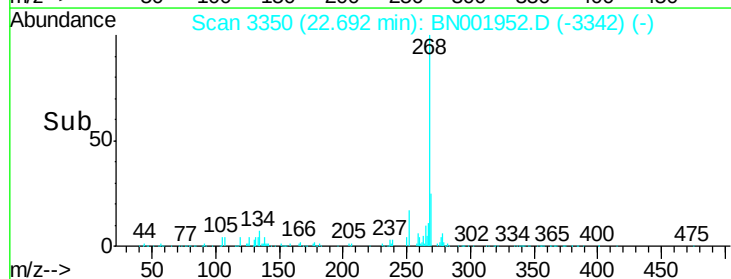
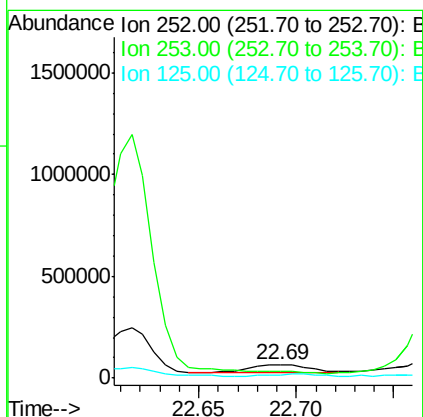
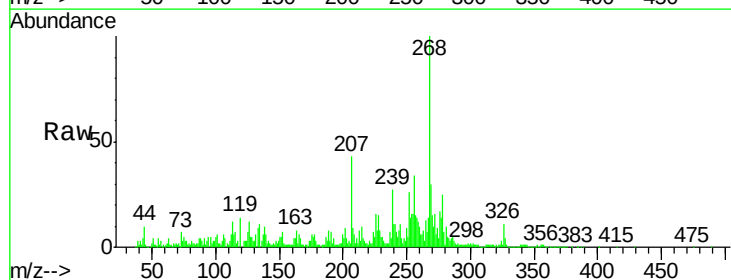
Instrument :
BNA_N
ClientSampleId :

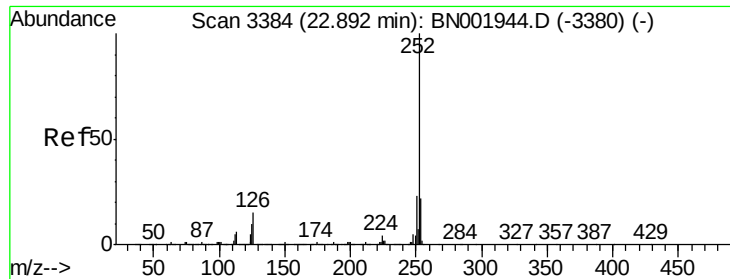
Tot Ion:228 Resp:16491228
Ion Ratio Lower Upper
228 100
226 37.0 24.1 36.1#
229 26.5 16.0 24.0#



#85
Benzo(b)fluoranthene
Concen: 2.710 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. -0.15 min
Lab File: BN001952.D
Acq: 03 Jul 2018 20:14

Tgt Ion:252 Resp: 93858
Ion Ratio Lower Upper
252 100
253 53.6 17.4 26.0#
125 25.8 4.9 7.3#

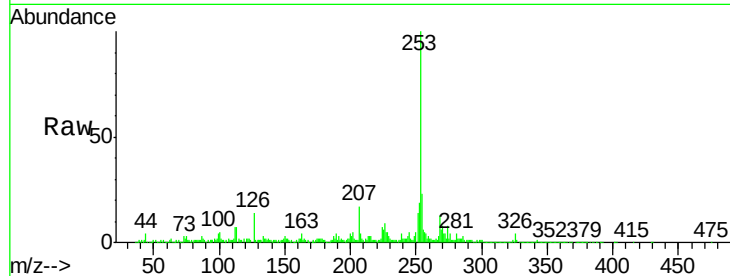




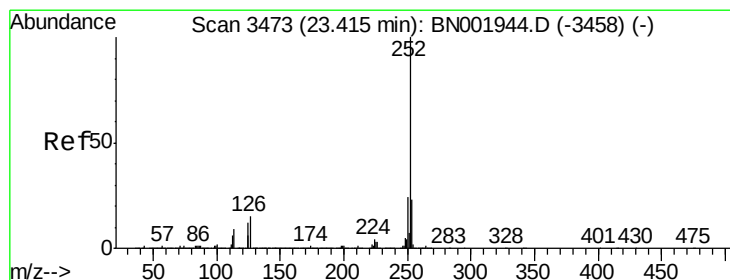
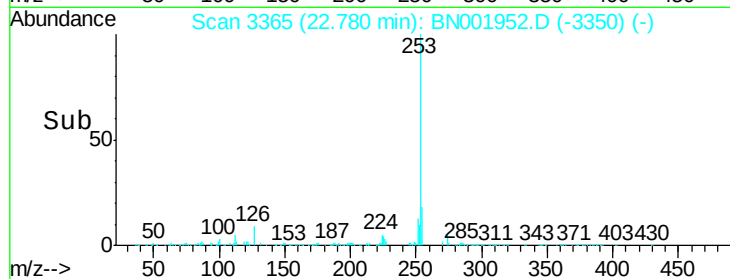
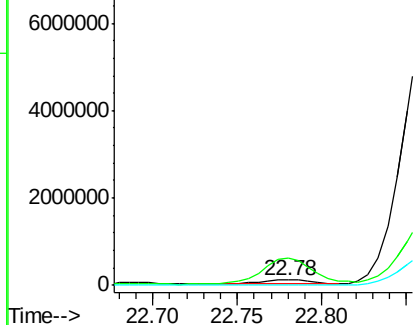
#86
Benzo(k)fluoranthene
Concen: 5.901 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.11 min
Lab File: BN001952.D
Acq: 03 Jul 2018 20:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	515.5	17.1	25.7#
125	0.0	5.4	8.0#

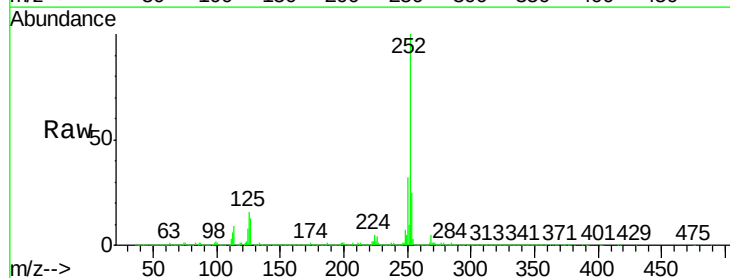


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

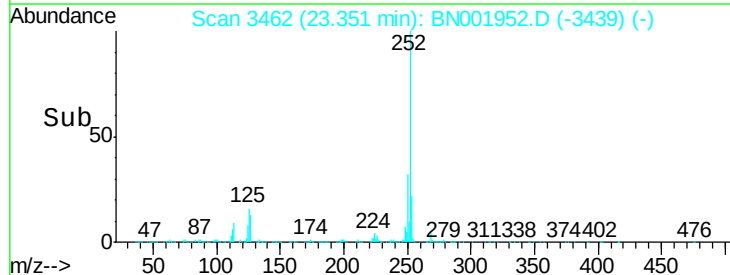
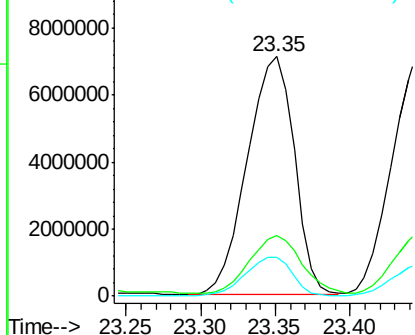


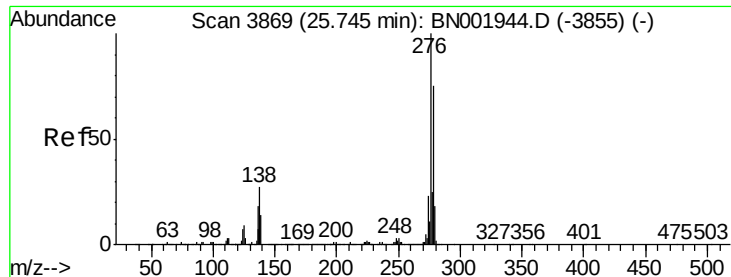
#88
Benzo(a)pyrene
Concen: 480.510 ng/ul
RT: 23.35 min Scan# 3462
Delta R.T. -0.06 min
Lab File: BN001952.D
Acq: 03 Jul 2018 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.2	25.8
125	16.0	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

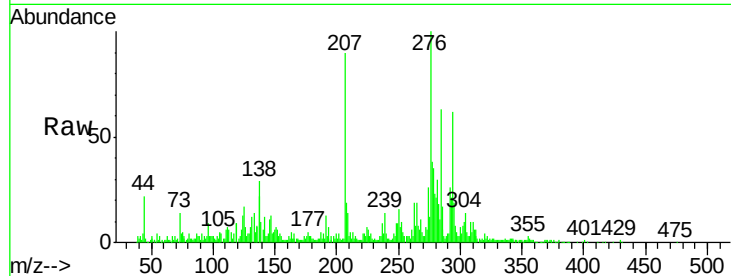




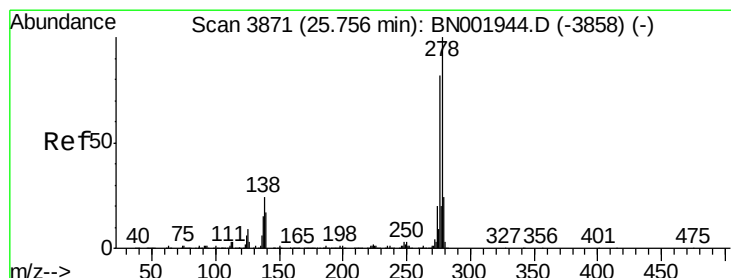
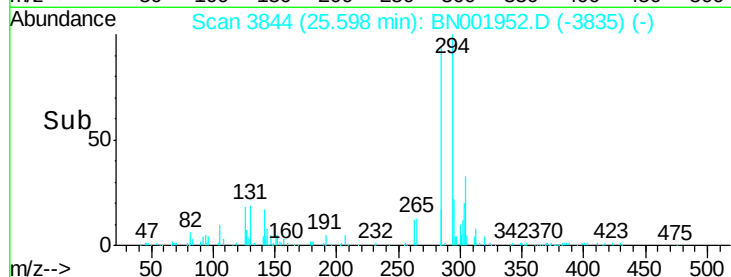
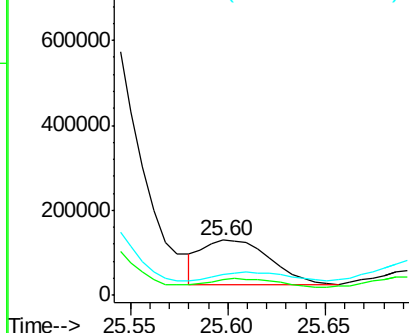
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 7.227 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.15 min
 Lab File: BN001952.D
 Acq: 03 Jul 2018 20:14

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	39.6	10.9	16.3#
277	38.5	18.9	28.3#

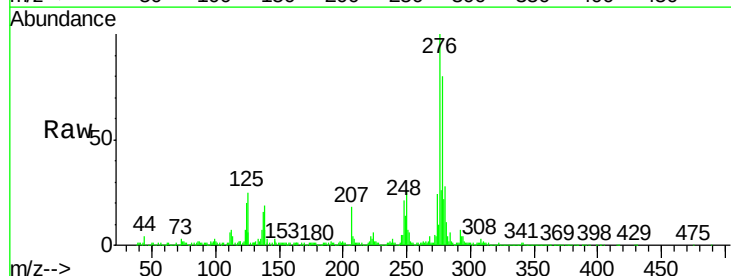


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#90
 Dibenzo(a,h)anthracene
 Concen: 44.404 ng/ul
 RT: 25.54 min Scan# 3834
 Delta R.T. -0.22 min
 Lab File: BN001952.D
 Acq: 03 Jul 2018 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.0	13.4
279	27.6	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

