

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070918\
 Data File : BN002001.D
 Acq On : 09 Jul 2018 16:48
 Operator : JU/SJ
 Sample : J3775-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 10 01:12:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 10 01:03:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	557257	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2507163	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1457135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3115601	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2363994	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	2107696	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	43834	3.42	ng/uL	0.00
5) Phenol-d5	6.89	99	1118945	22.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	695227	22.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	900434	22.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	880645	21.80	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	459539	24.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	519860	26.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	940488	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	712806	16.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2957604	24.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3744327	24.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	489217	21.58	ng/ul	0.00
57) Fluorene-d10	15.33	176	2630017	24.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	416536	24.54	ng/ul	0.00
70) Anthracene-d10	17.18	188	3849878	25.58	ng/ul	0.00
76) Pyrene-d10	19.49	212	3731775	31.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	2922395	25.50	ng/ul	0.00

Target Compounds

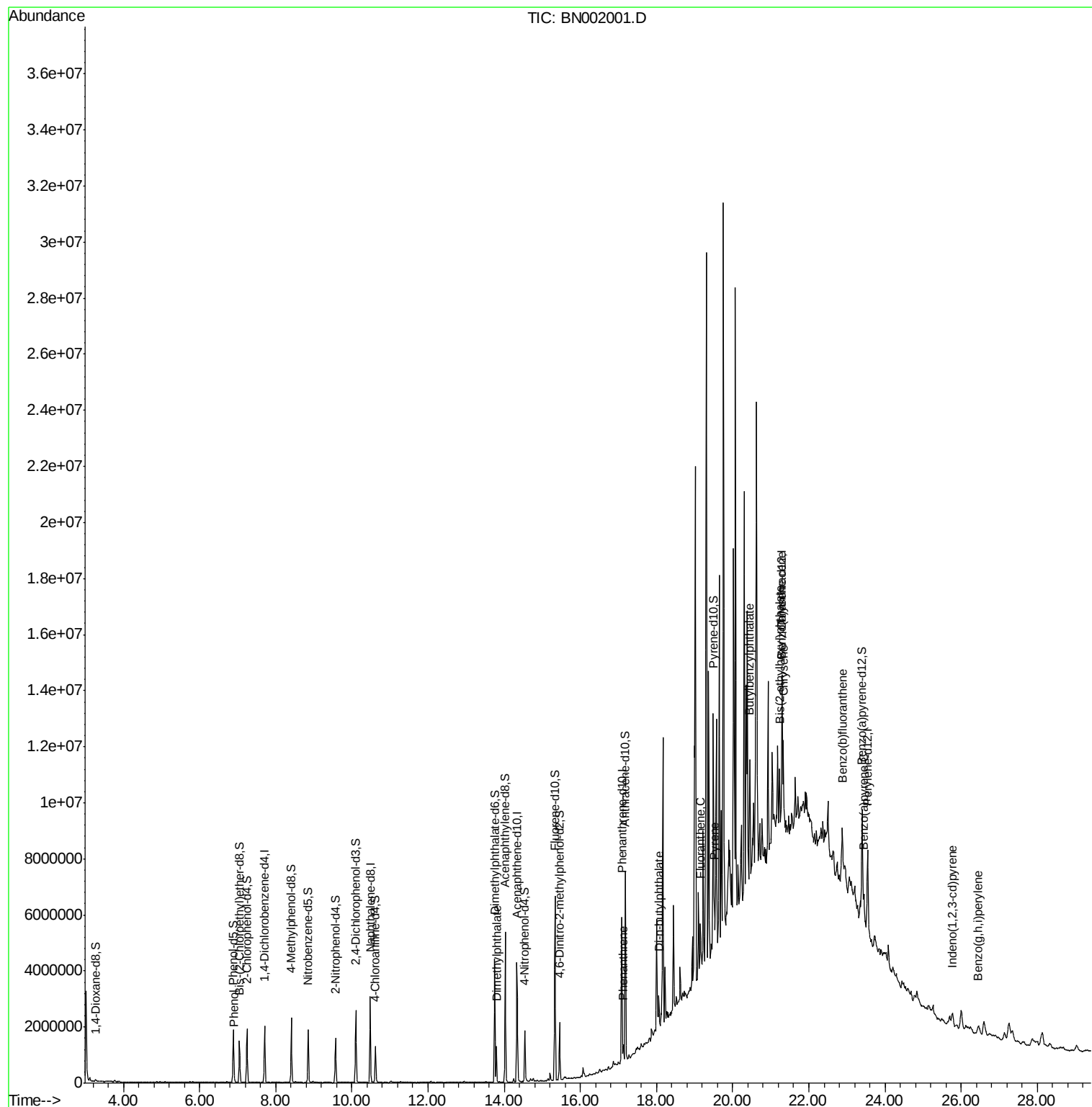
				Ovalue	
6) Phenol	6.91	94	73224	1.440	ng/ul 96
44) Dimethylphthalate	13.80	163	832129	6.881	ng/ul 99
69) Phenanthrene	17.12	178	385488	2.196	ng/ul 99
73) Di-n-butylphthalate	18.06	149	774303	4.120	ng/ul 98
74) Fluoranthene	19.15	202	1003728	5.441	ng/ul# 88
77) Pyrene	19.52	202	931137	6.294	ng/ul# 87
78) Butylbenzylphthalate	20.44	149	940958	14.906	ng/ul 89
80) Benzo(a)anthracene	21.29	228	446815	2.991	ng/ul# 90
81) Bis(2-ethylhexyl)phthalate	21.23	149	452921	4.811	ng/ul# 98
82) Chrysene	21.33	228	550782	3.962	ng/ul# 92
85) Benzo(b)fluoranthene	22.87	252	858899	6.452	ng/ul# 77
88) Benzo(a)pyrene	23.45	252	438714	3.527	ng/ul# 75
89) Indeno(1,2,3-cd)pyrene	25.77	276	388379	2.934	ng/ul# 87
91) Benzo(g,h,i)perylene	26.46	276	379317	3.474	ng/ul# 90

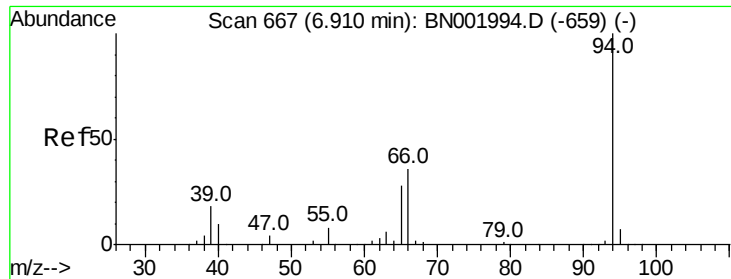
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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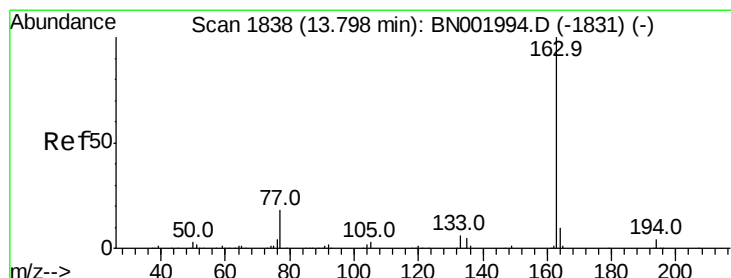
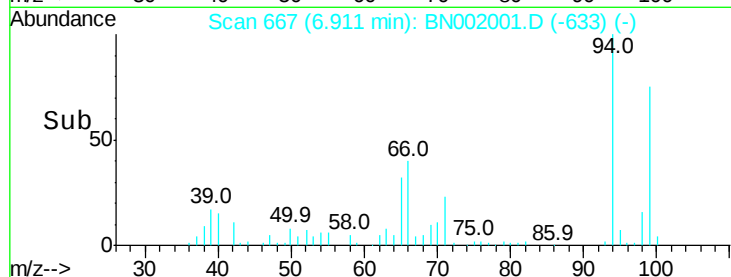
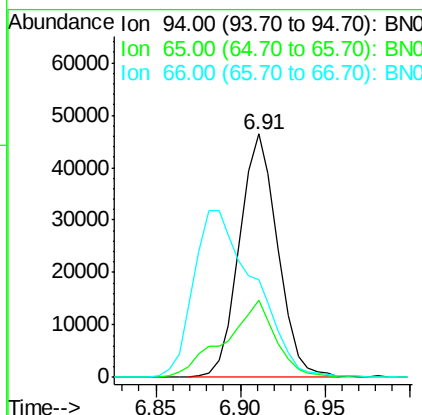
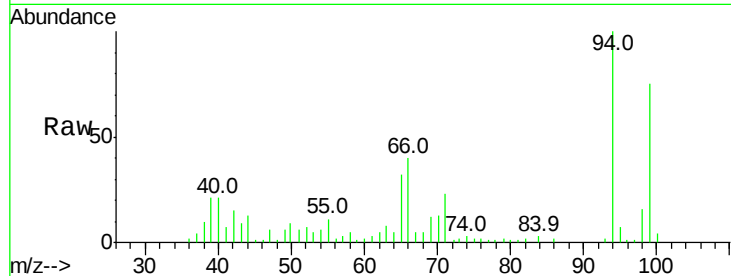
#6

Phenol

Concen: 1.440 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN002001.D
 Acq: 09 Jul 2018 16:48

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 73224
 Ion Ratio Lower Upper
 94 100
 65 31.7 23.0 34.6
 66 39.9 30.4 45.6

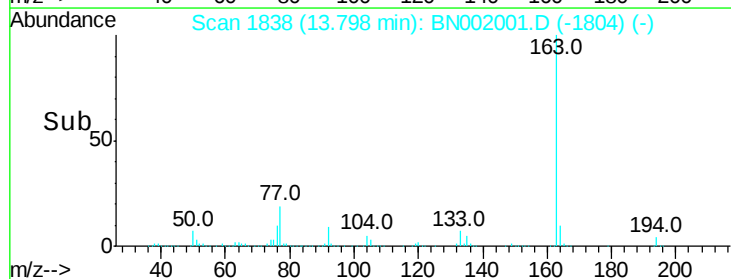
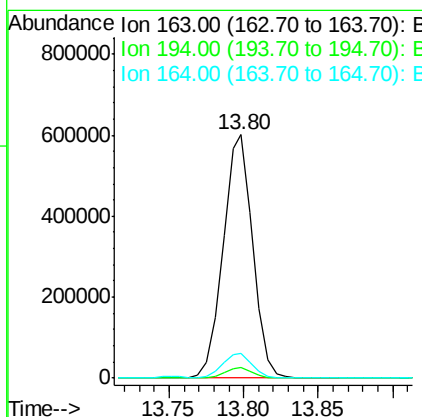
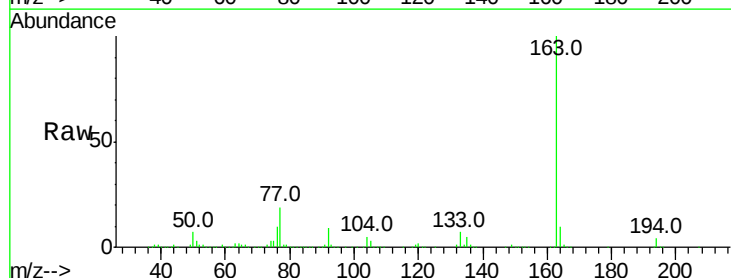


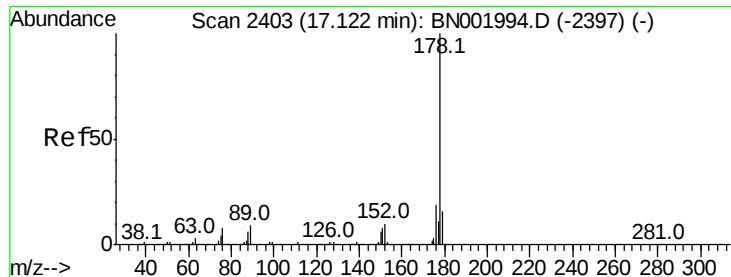
#44

Dimethylphthalate

Concen: 6.881 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN002001.D
 Acq: 09 Jul 2018 16:48

Tgt Ion:163 Resp: 832129
 Ion Ratio Lower Upper
 163 100
 194 4.4 4.0 6.0
 164 10.1 8.4 12.6





#69

Phenanthrene

Concen: 2.196 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

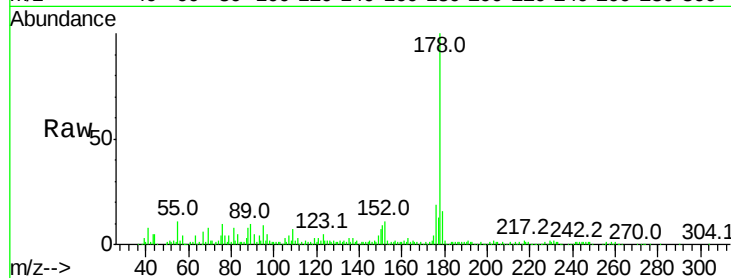
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 385488

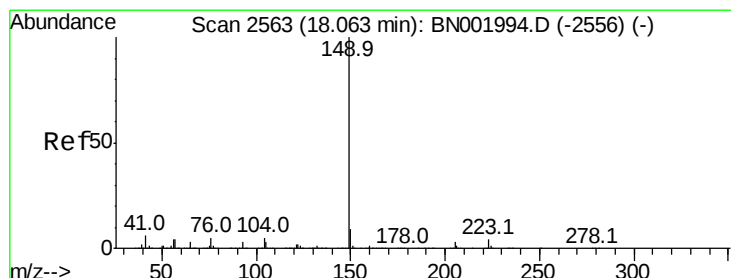
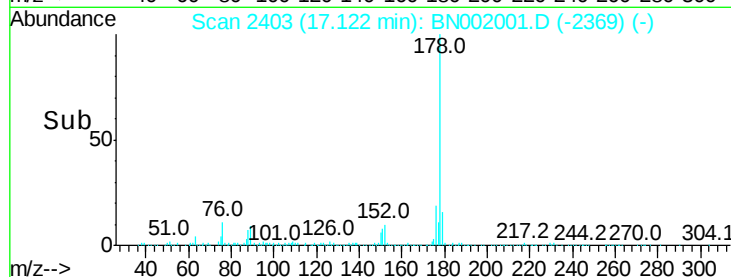
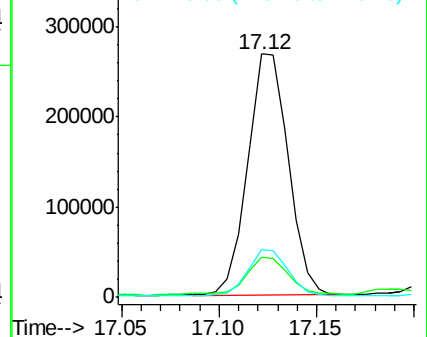
Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.5	15.4	23.0



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



#73

Di-n-butylphthalate

Concen: 4.120 ng/ul

RT: 18.06 min Scan# 2563

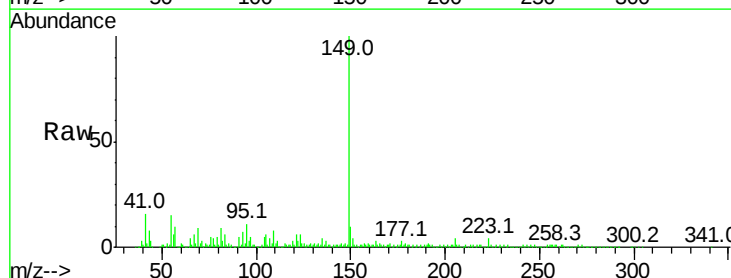
Delta R.T. 0.00 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

Tgt Ion:149 Resp: 774303

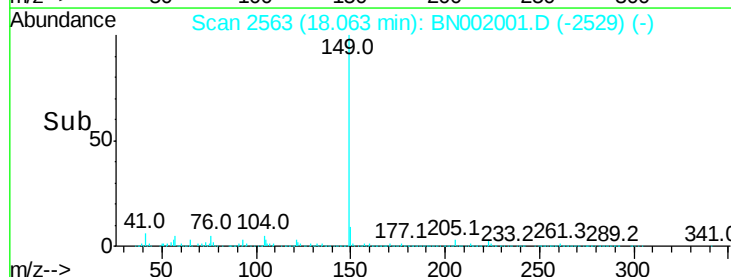
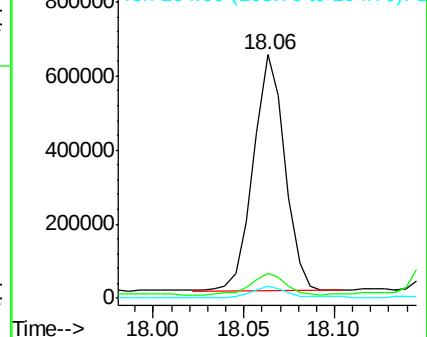
Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.5	11.3
104	5.0	4.1	6.1

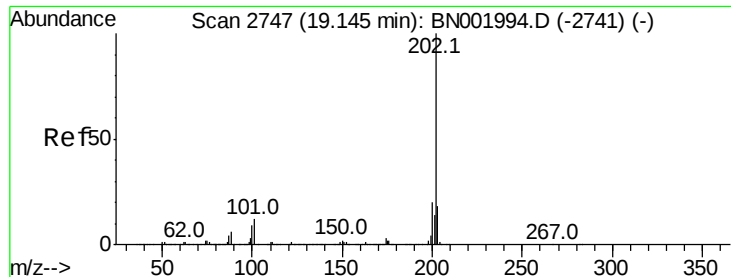


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5.441 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

Instrument :

BNA_N

ClientSampleId :

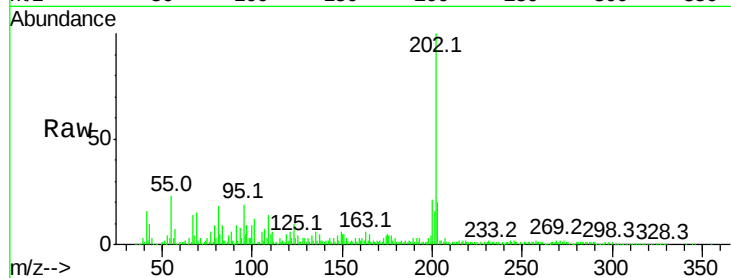
Tot Ion:202 Resp: 1003728

Ion Ratio Lower Upper

202 100

101 12.3 6.1 9.1#

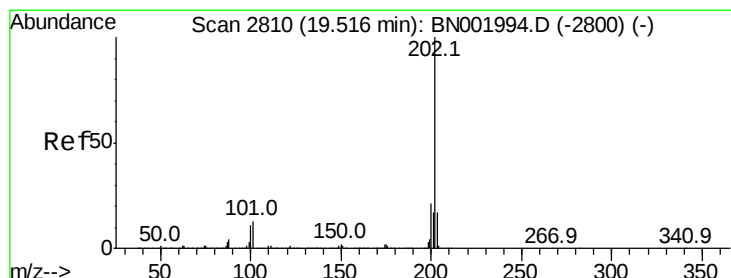
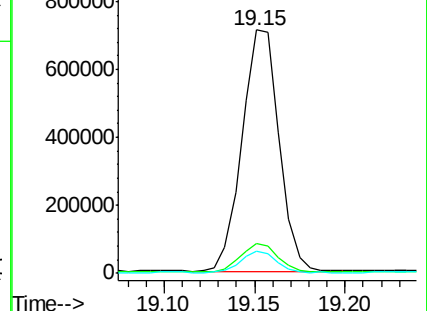
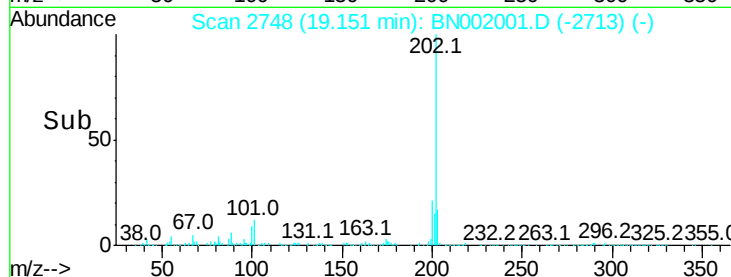
100 8.9 4.6 7.0#



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

Pyrene

Concen: 6.294 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

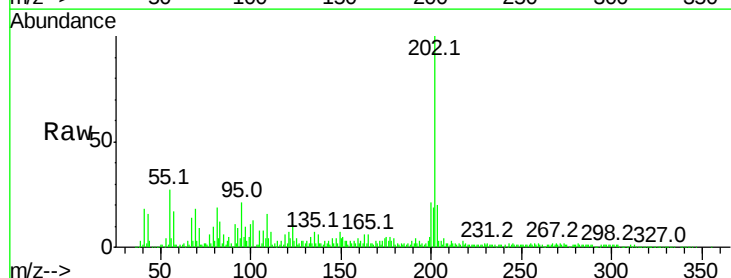
Tgt Ion:202 Resp: 931137

Ion Ratio Lower Upper

202 100

101 13.3 6.9 10.3#

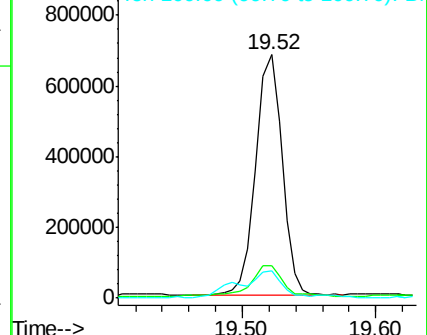
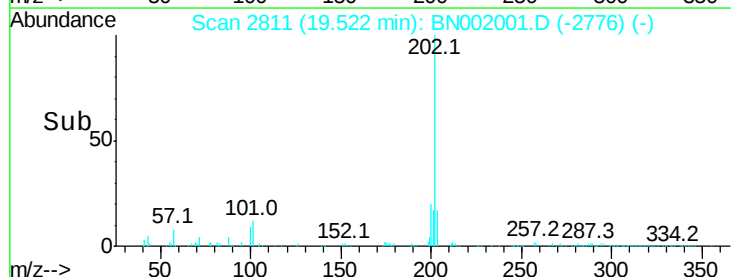
100 11.1 5.6 8.4#

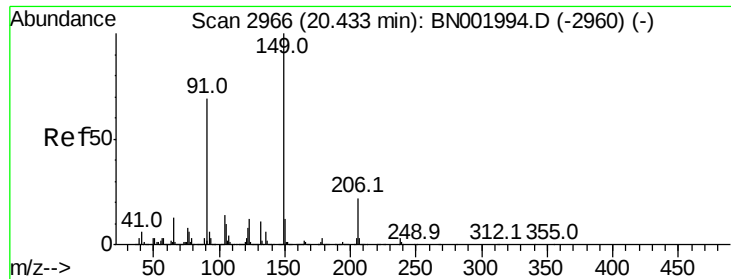


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 14.906 ng/ul

RT: 20.44 min Scan# 2967

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

Instrument :

BNA_N

ClientSampleId :

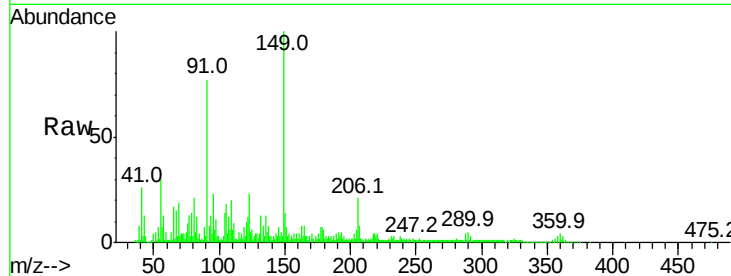
Tot Ion:149 Resp: 940958

Ion Ratio Lower Upper

149 100

91 77.1 53.4 80.0

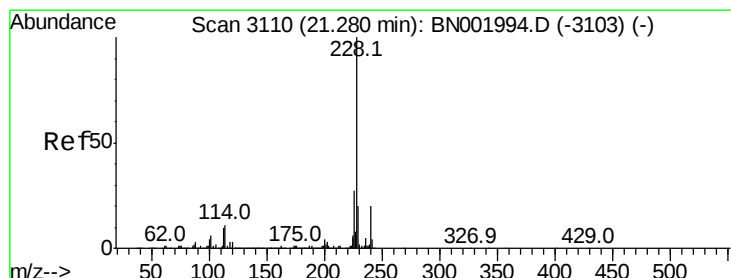
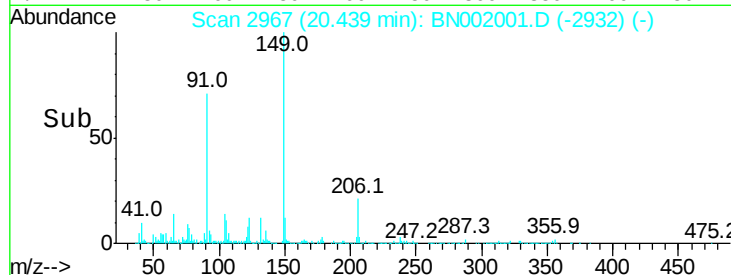
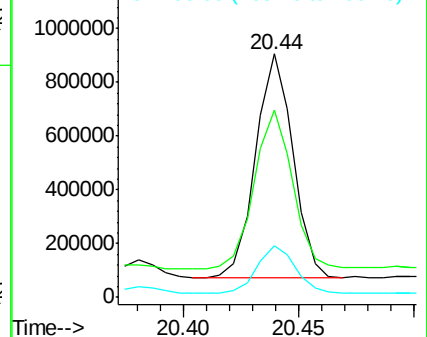
206 21.3 19.3 28.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.991 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

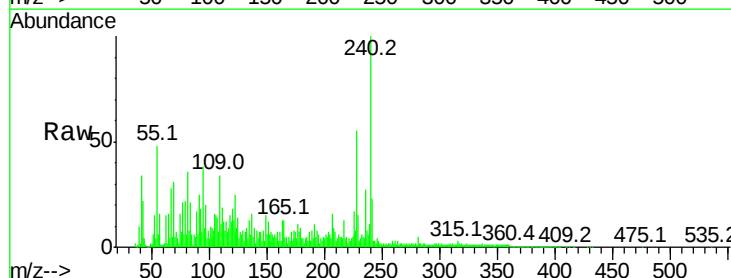
Tgt Ion:228 Resp: 446815

Ion Ratio Lower Upper

228 100

229 26.9 16.0 24.0#

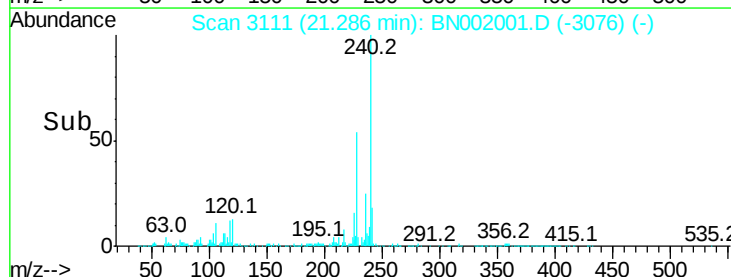
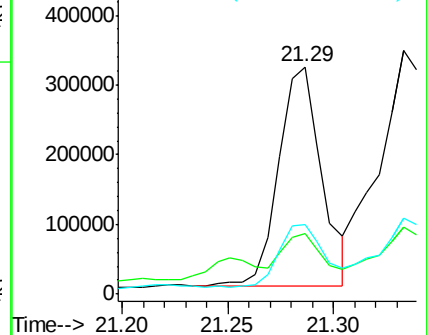
226 30.8 21.8 32.8

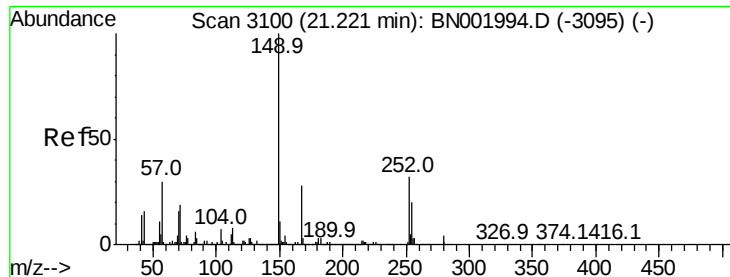


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 4.811 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

Instrument :

BNA_N

ClientSampleId :

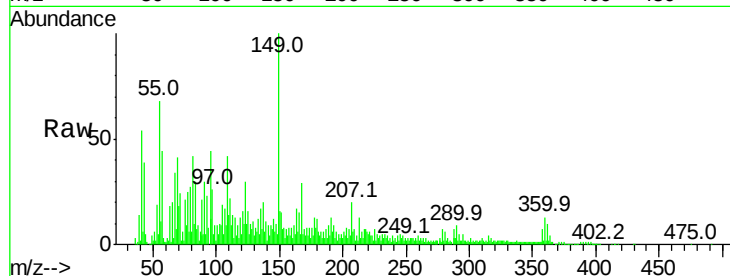
Tot Ion:149 Resp: 452921

Ion Ratio Lower Upper

149 100

167 29.4 23.0 34.6

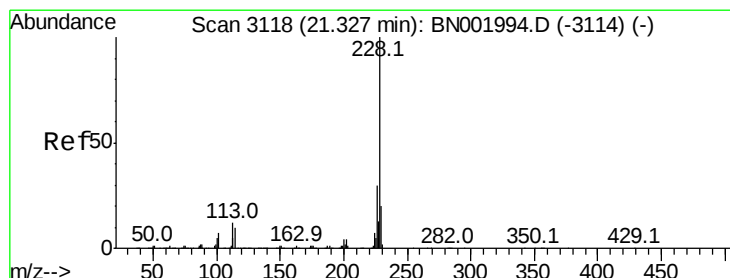
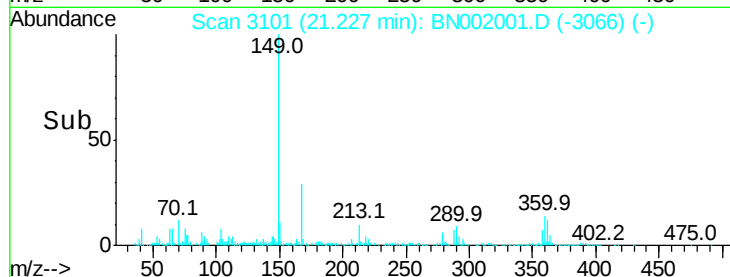
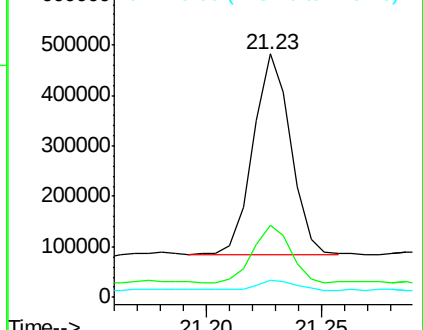
279 7.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 3.962 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

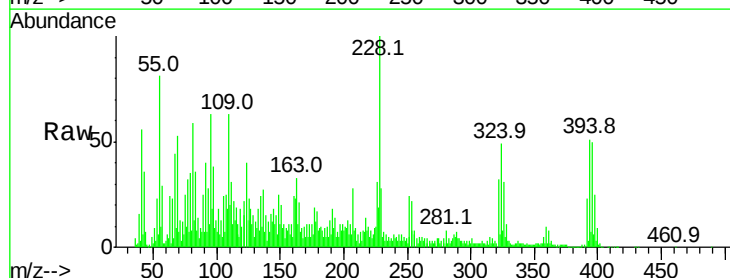
Tgt Ion:228 Resp: 550782

Ion Ratio Lower Upper

228 100

226 31.3 24.1 36.1

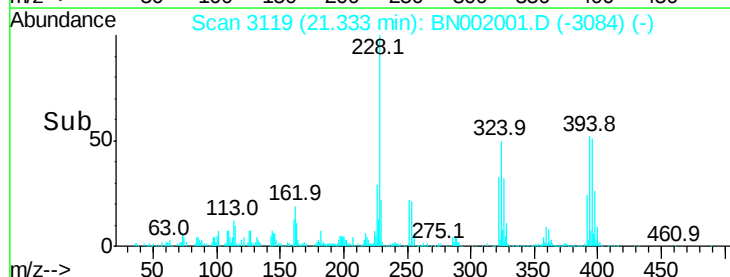
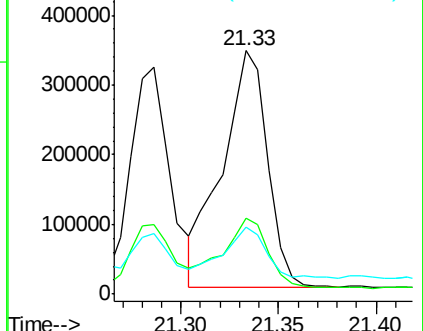
229 27.8 16.0 24.0#

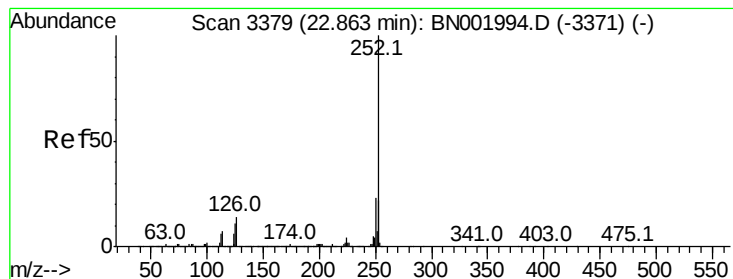


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 6.452 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

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ClientSampleId :

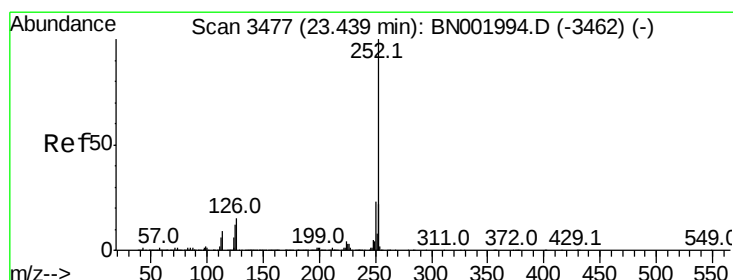
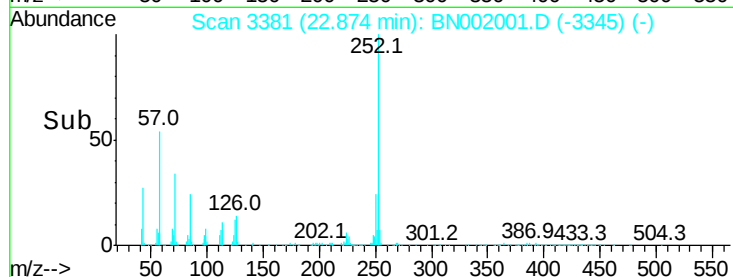
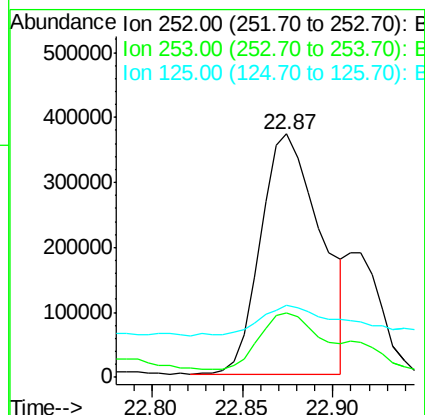
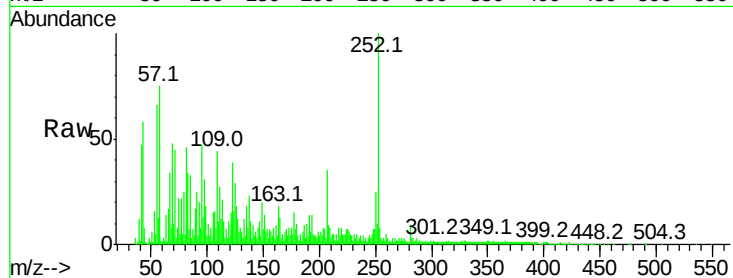
Tot Ion:252 Resp: 858899

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.0#

125 29.4 4.9 7.3#



#88

Benzo(a)pyrene

Concen: 3.527 ng/ul

RT: 23.45 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BN002001.D

Acq: 09 Jul 2018 16:48

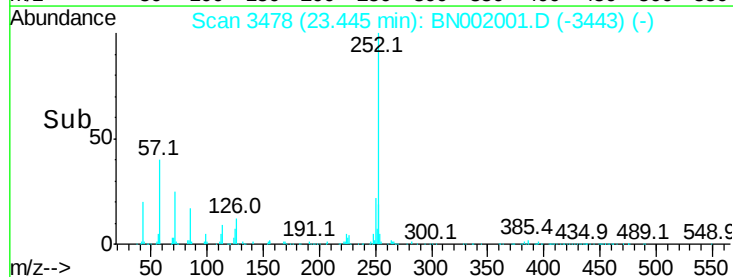
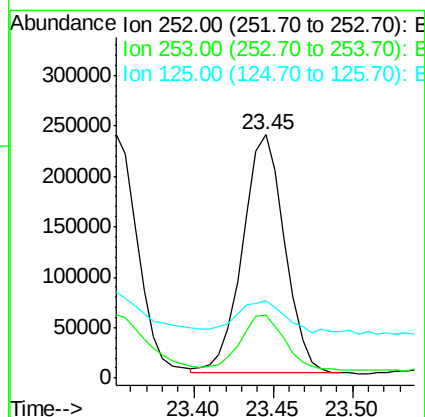
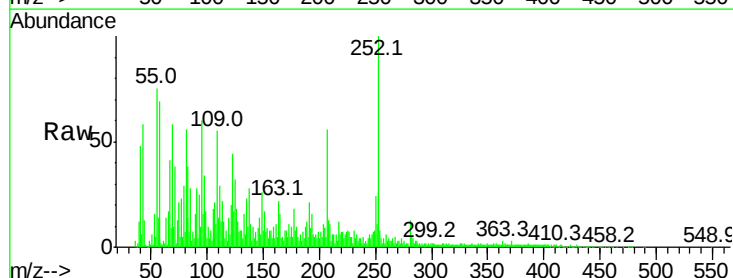
Tgt Ion:252 Resp: 438714

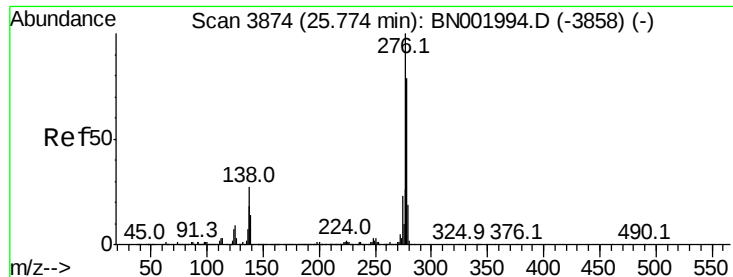
Ion Ratio Lower Upper

252 100

253 26.2 17.2 25.8#

125 31.6 5.8 8.6#



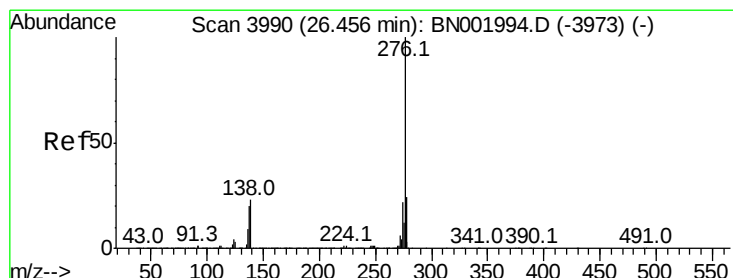
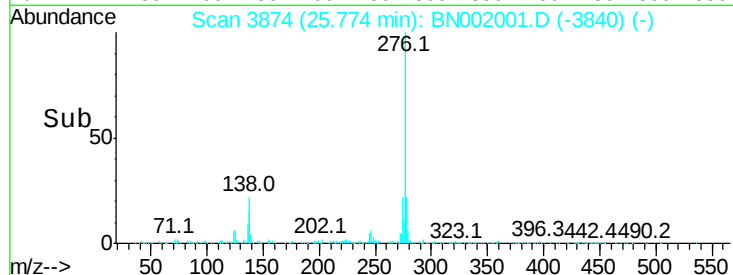
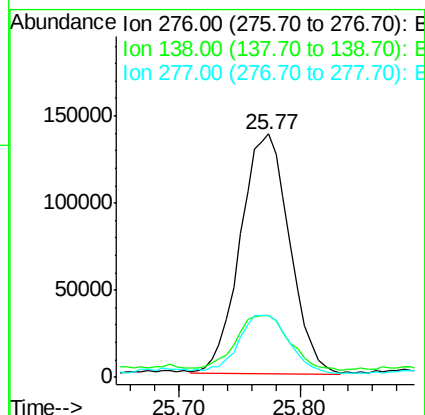
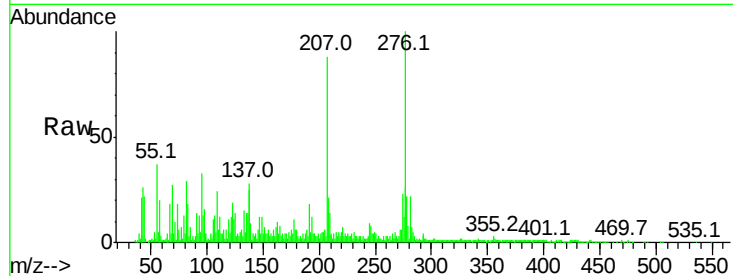


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.934 ng/ul
RT: 25.77 min Scan# 3874
Delta R.T. 0.00 min
Lab File: BN002001.D
Acq: 09 Jul 2018 16:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	10.9	16.3#
277	25.6	18.9	28.3



#91

Benzo(g,h,i)perylene
Concen: 3.474 ng/ul
RT: 26.46 min Scan# 3990
Delta R.T. 0.00 min
Lab File: BN002001.D
Acq: 09 Jul 2018 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	11.2	16.8#
277	24.4	19.0	28.6

