

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002008.D
 Acq On : 11 Jul 2018 13:40
 Operator : JU/SJ
 Sample : J3775-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 18:35:01 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	7.70	152	454640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2137717	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1282172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	2900619	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2878180	20.00	ng/ul	0.00
83) Perylene-d12	23.54	264	2593238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	50532	4.83	ng/uL	0.00
5) Phenol-d5	6.88	99	1217281	29.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	764406	30.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	960424	29.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	961027	29.16	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	495434	31.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	568386	34.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1023582	29.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1032408	28.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3187703	29.44	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4042926	30.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	536044	26.87	ng/ul	0.00
57) Fluorene-d10	15.33	176	2860474	30.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	457382	28.95	ng/ul	0.00
70) Anthracene-d10	17.18	188	4284914	30.58	ng/ul	0.00
76) Pyrene-d10	19.49	212	4746345	32.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	4272000	30.29	ng/ul	0.01

Target Compounds

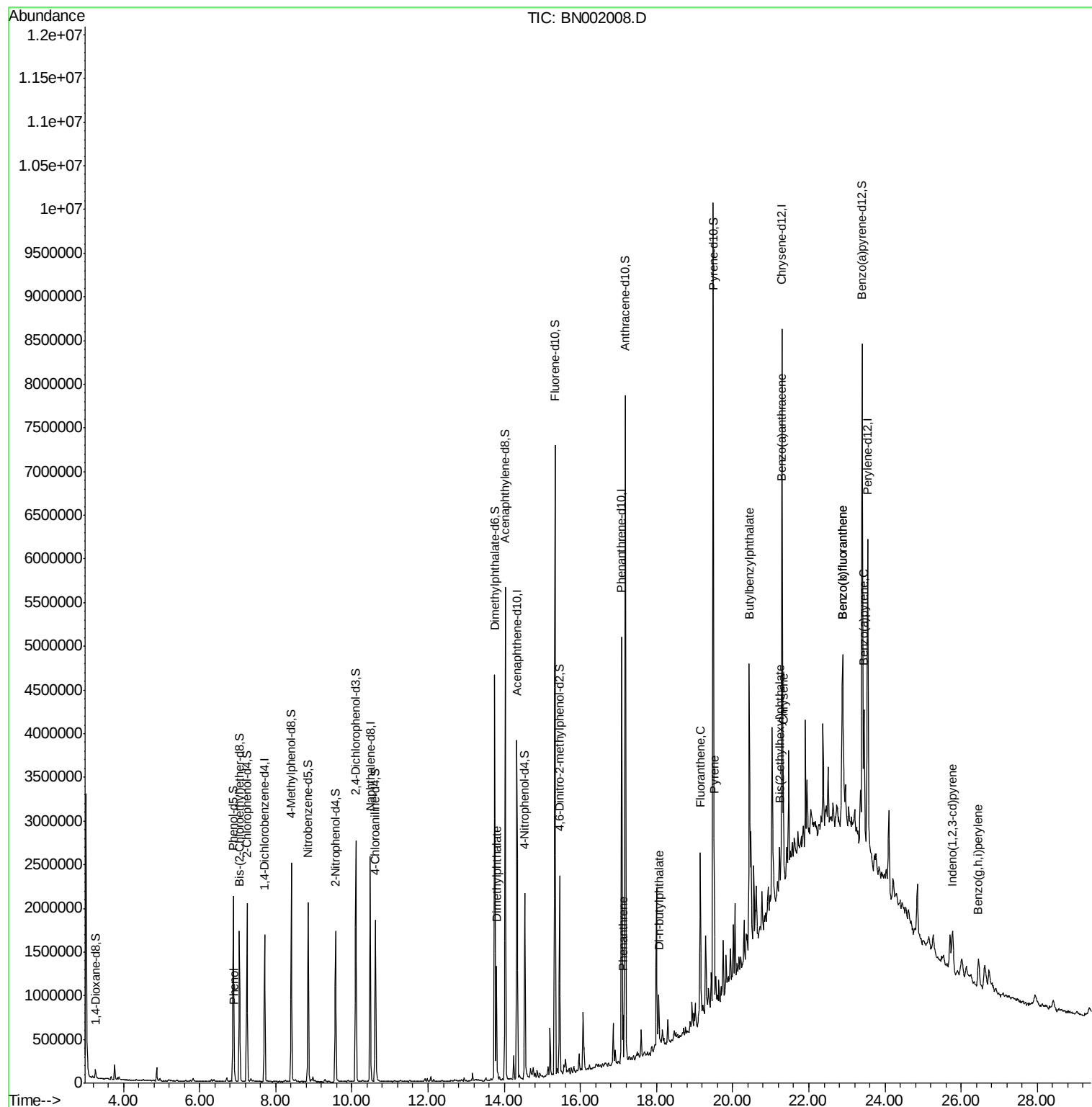
					Ovalue	
6) Phenol	6.91	94	65082	1.569	ng/ul	96
44) Dimethylphthalate	13.79	163	793810	7.459	ng/ul	99
69) Phenanthrene	17.12	178	323589	1.980	ng/ul	99
73) Di-n-butylphthalate	18.06	149	389822	2.228	ng/ul	99
74) Fluoranthene	19.15	202	1081404	6.296	ng/ul#	90
77) Pyrene	19.52	202	943052	5.236	ng/ul#	87
78) Butylbenzylphthalate	20.43	149	321413	4.182	ng/ul	91
80) Benzo(a)anthracene	21.28	228	604967	3.326	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.23	149	184421	1.609	ng/ul	99
82) Chrysene	21.33	228	625465	3.696	ng/ul	96
85) Benzo(b)fluoranthene	22.87	252	972354	5.937	ng/ul#	90
86) Benzo(k)fluoranthene	22.87	252	972354	6.122	ng/ul#	90
88) Benzo(a)pyrene	23.45	252	562050	3.672	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.77	276	416145	2.555	ng/ul#	82
91) Benzo(g,h,i)perylene	26.46	276	370592	2.758	ng/ul#	91

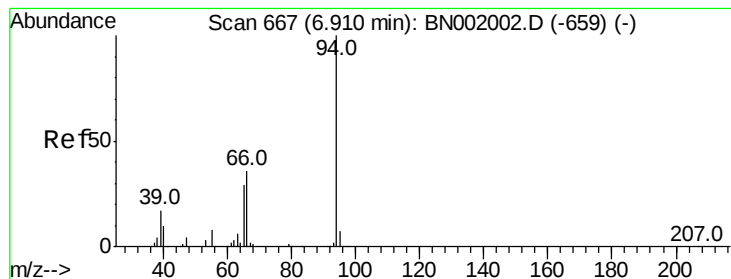
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.569 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampled :

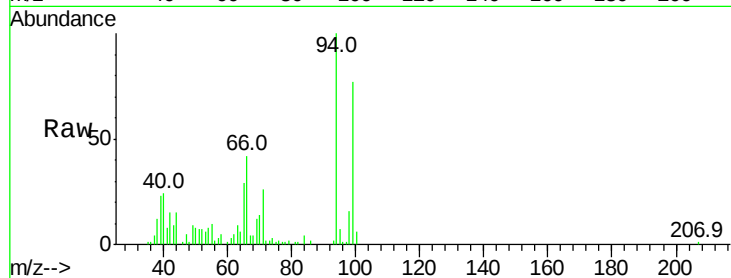
Tot Ion: 94 Resp: 65082

Ion Ratio Lower Upper

94 100

65 29.4 23.0 34.6

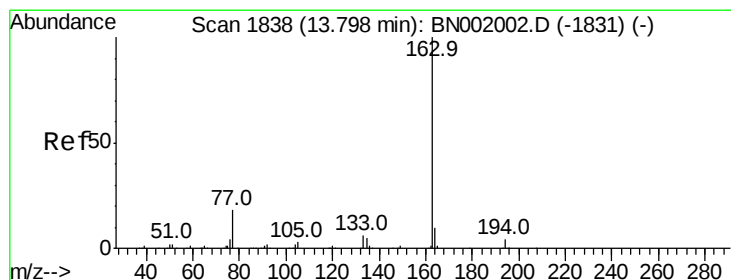
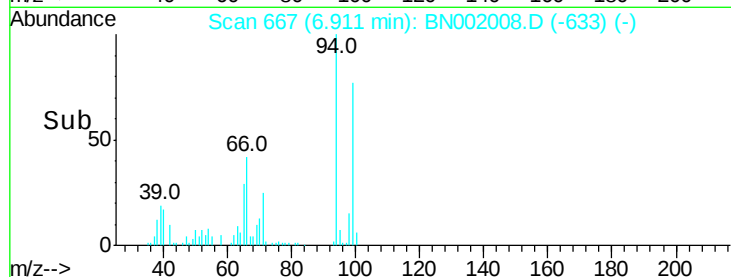
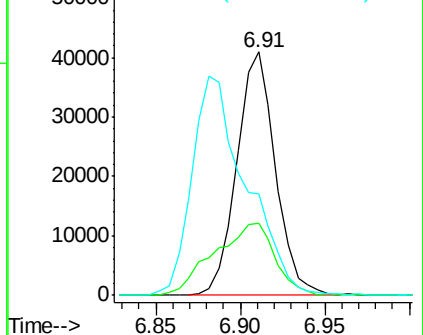
66 41.5 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN002002.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BN002002.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BN002002.D (-659) (-)



#44

Dimethylphthalate

Concen: 7.459 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

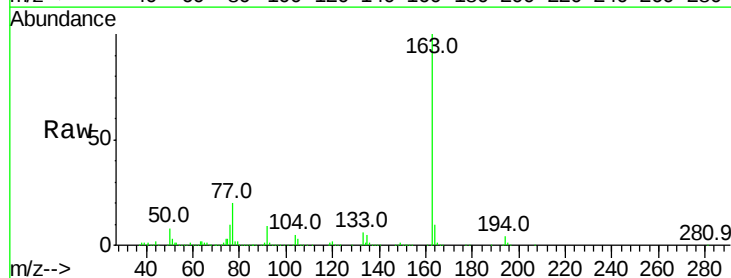
Tgt Ion:163 Resp: 793810

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

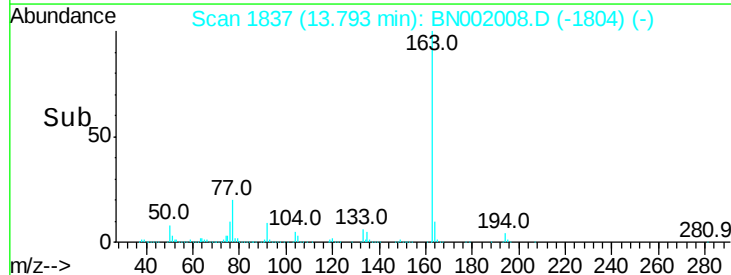
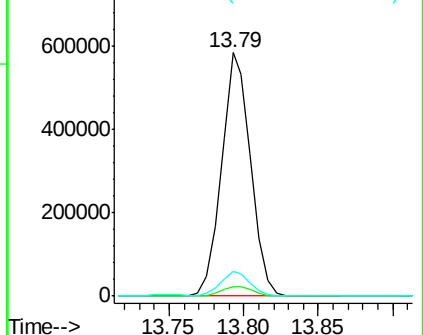
164 10.3 8.4 12.6

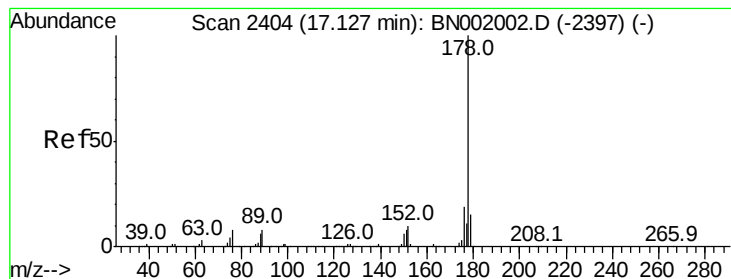


Abundance Ion 163.00 (162.70 to 163.70): BN002002.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BN002002.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BN002002.D (-1831) (-)





#69

Phenanthrene

Concen: 1.980 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampleId :

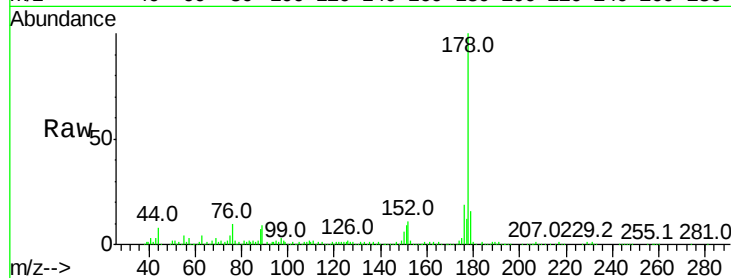
Tot Ion:178 Resp: 323589

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

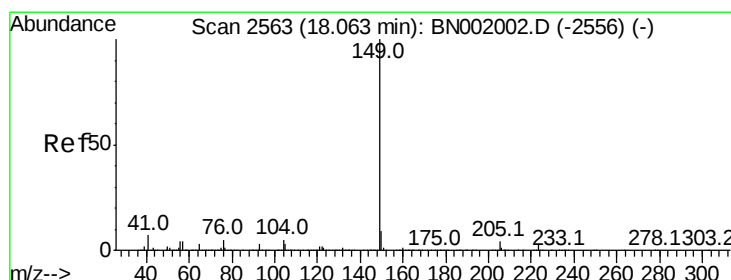
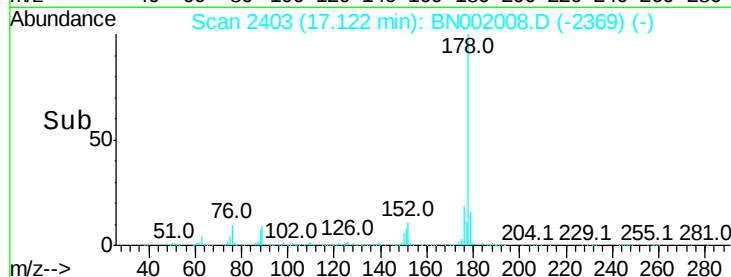
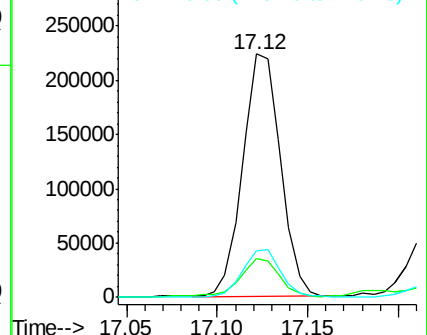
176 19.1 15.4 23.0



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



#73

Di-n-butylphthalate

Concen: 2.228 ng/ul

RT: 18.06 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

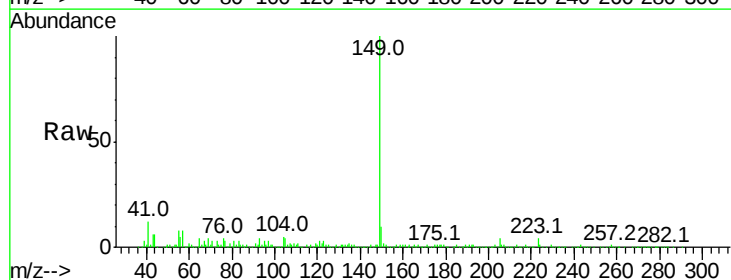
Tgt Ion:149 Resp: 389822

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

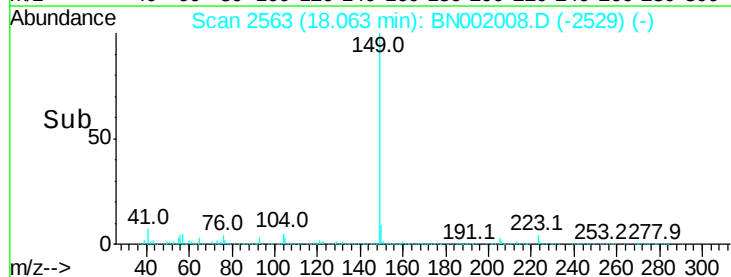
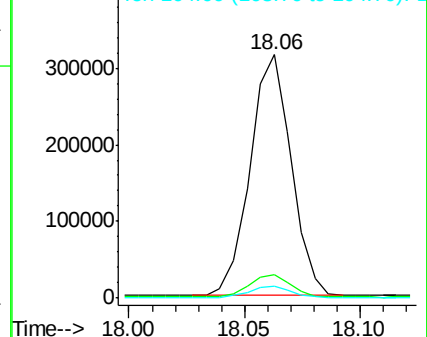
104 4.8 4.1 6.1

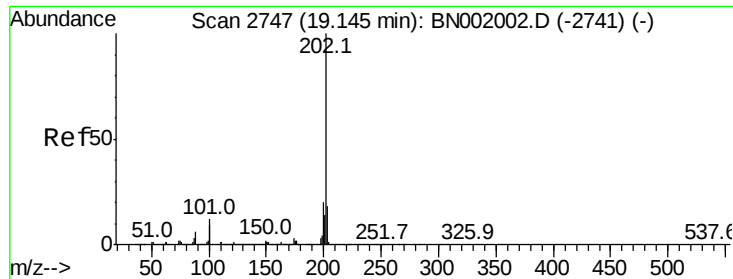


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 6.296 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampled :

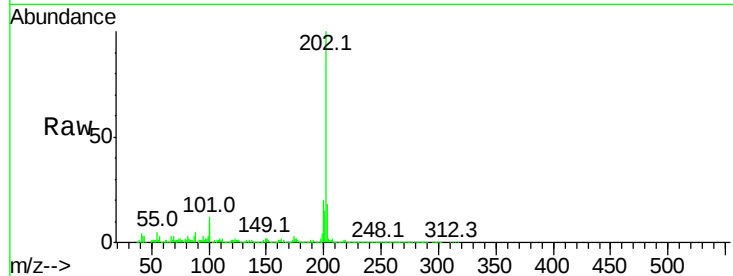
Tot Ion:202 Resp: 1081404

Ion Ratio Lower Upper

202 100

101 11.6 6.1 9.1#

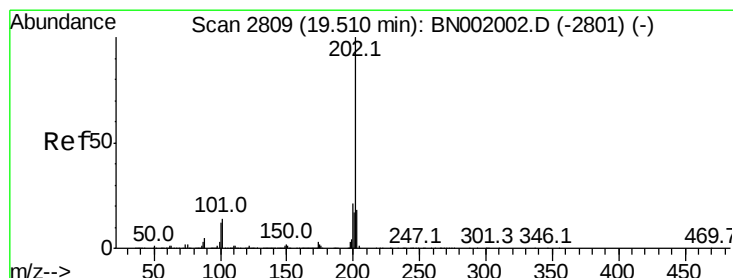
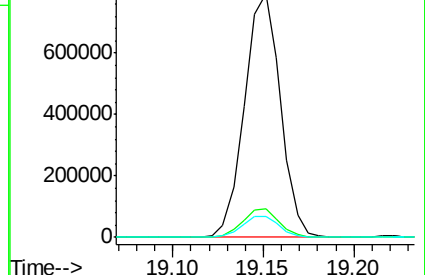
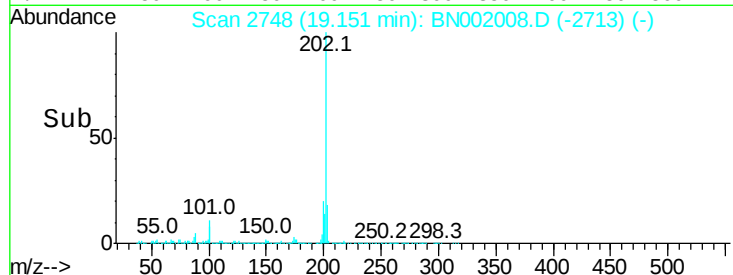
100 8.5 4.6 7.0#



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

Pyrene

Concen: 5.236 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

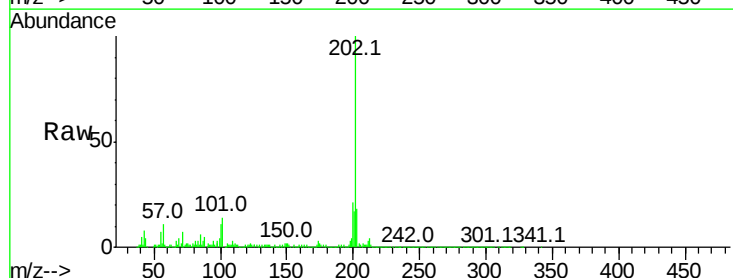
Tgt Ion:202 Resp: 943052

Ion Ratio Lower Upper

202 100

101 13.8 6.9 10.3#

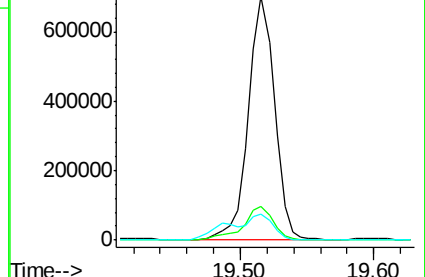
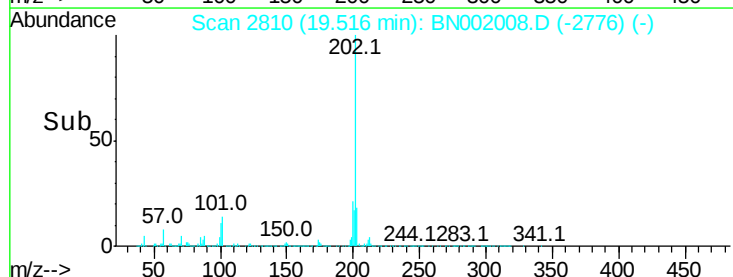
100 10.7 5.6 8.4#

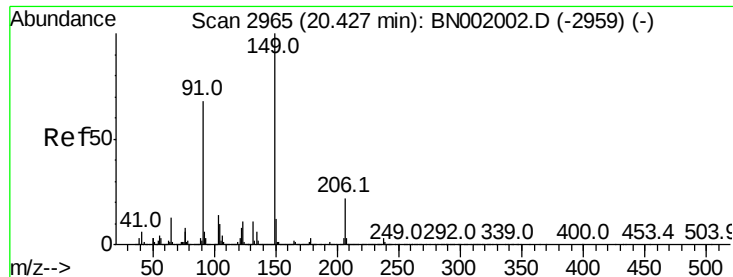


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 4.182 ng/ul

RT: 20.43 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampleId :

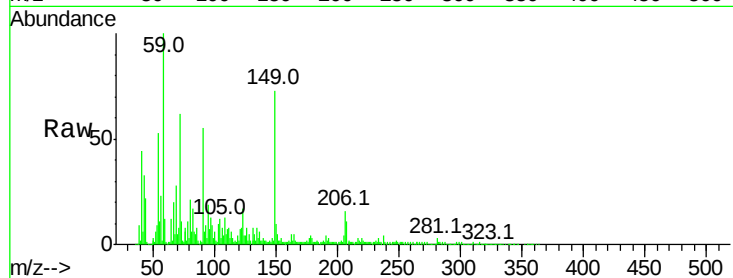
Tot Ion:149 Resp: 321413

Ion Ratio Lower Upper

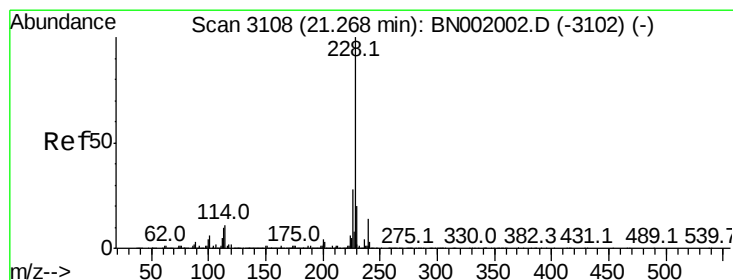
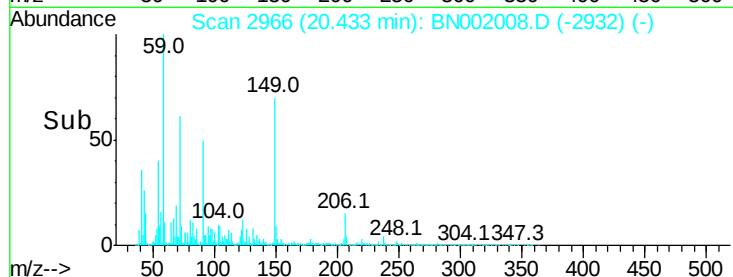
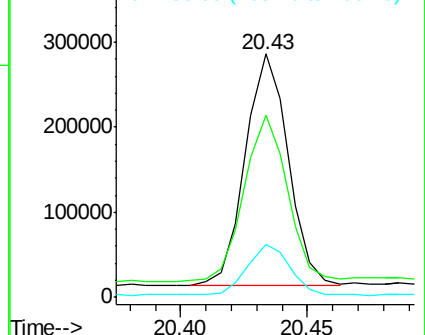
149 100

91 74.8 53.4 80.0

206 21.8 19.3 28.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BNA
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.326 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

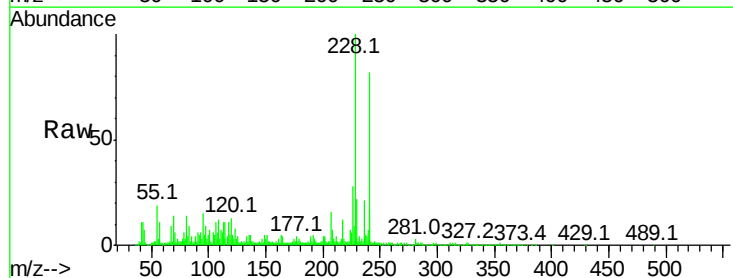
Tgt Ion:228 Resp: 604967

Ion Ratio Lower Upper

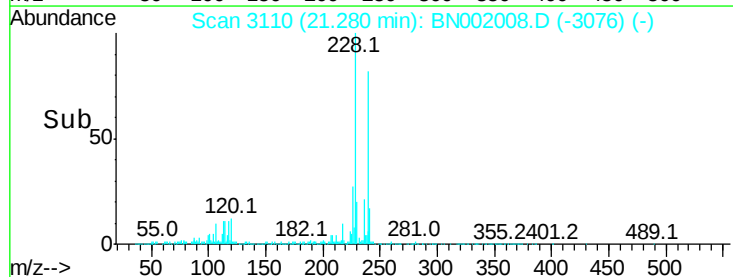
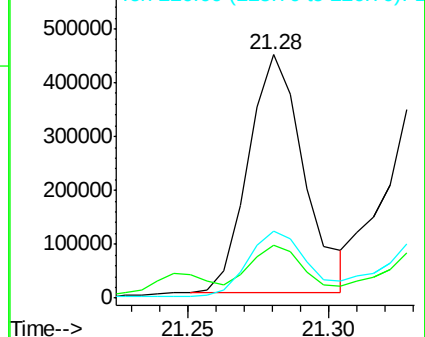
228 100

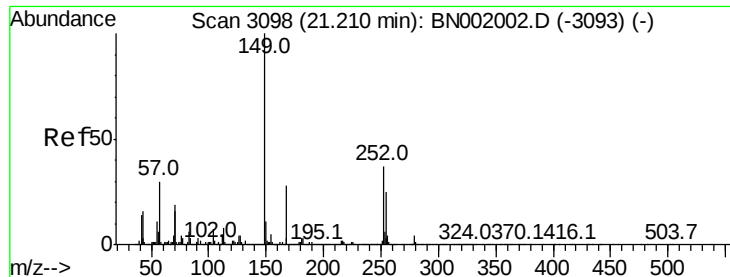
229 21.6 16.0 24.0

226 27.7 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

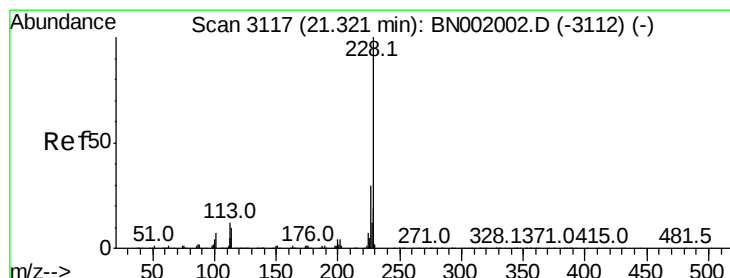
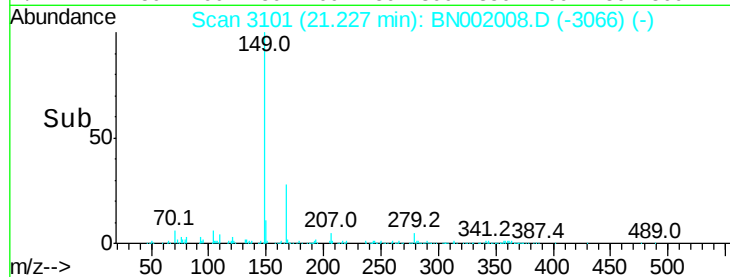
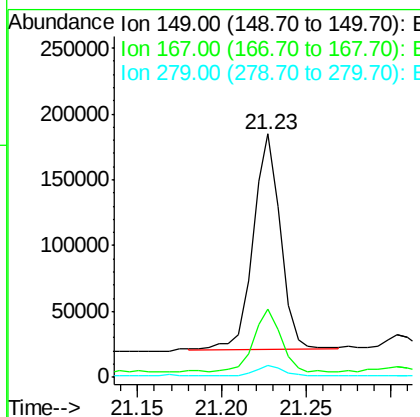
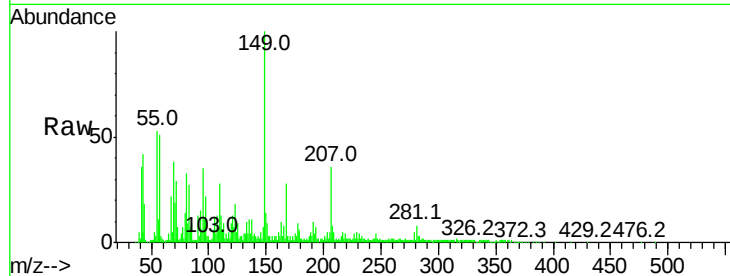




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.609 ng/ul
 RT: 21.23 min Scan# 3101
 Delta R.T. 0.01 min
 Lab File: BN002008.D
 Acq: 11 Jul 2018 13:40

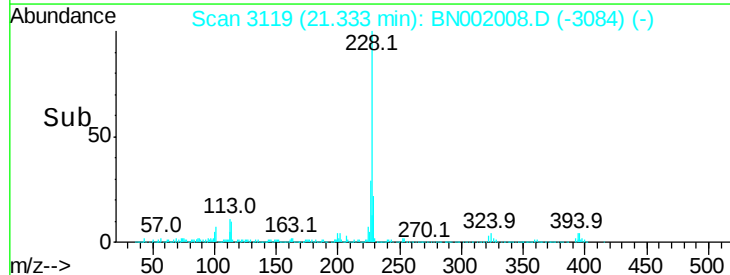
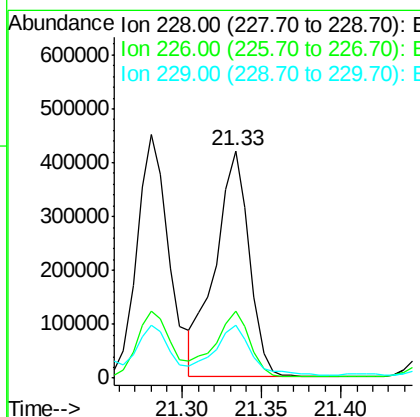
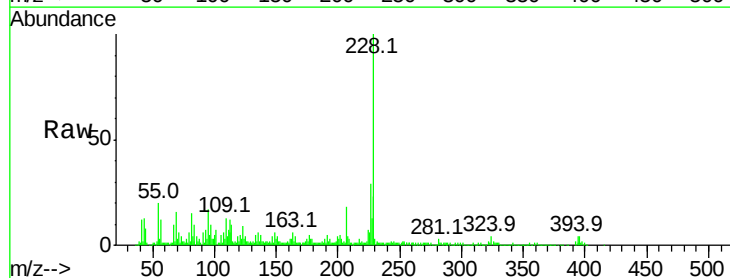
Instrument :
 BNA_N
 ClientSampleId :

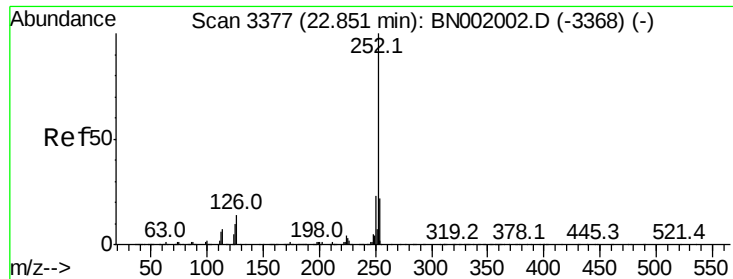
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.6
279	4.8	4.3	6.5



#82
 Chrysene
 Concen: 3.696 ng/ul
 RT: 21.33 min Scan# 3119
 Delta R.T. 0.01 min
 Lab File: BN002008.D
 Acq: 11 Jul 2018 13:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	23.1	16.0	24.0





#85

Benzo(b)fluoranthene

Concen: 5.937 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampleId :

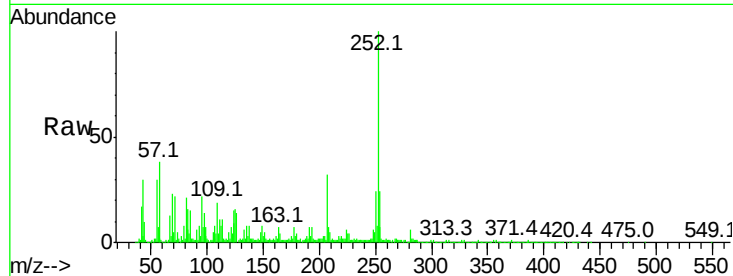
Tot Ion:252 Resp: 972354

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

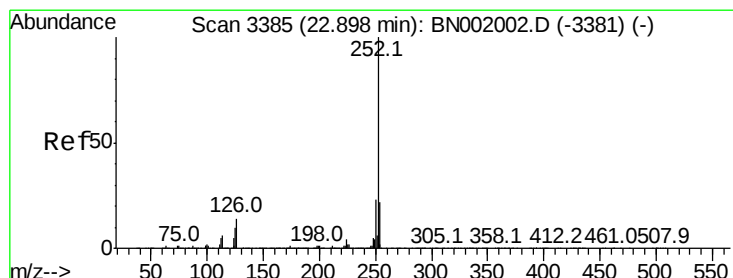
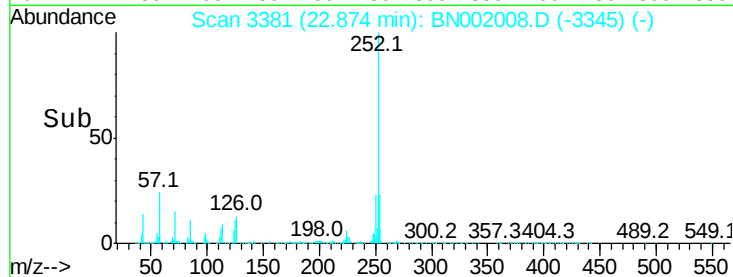
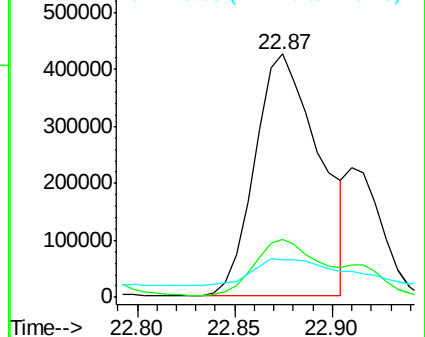
125 15.5 4.9 7.3#



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: 6.122 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

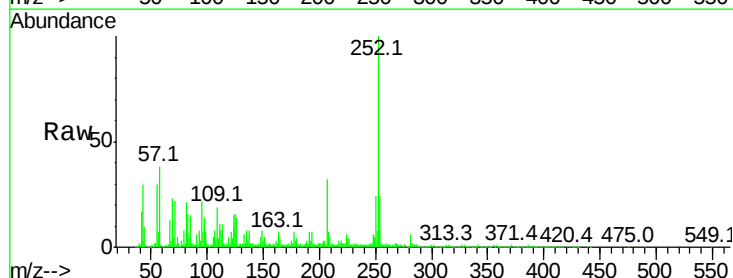
Tgt Ion:252 Resp: 972354

Ion Ratio Lower Upper

252 100

253 23.8 17.1 25.7

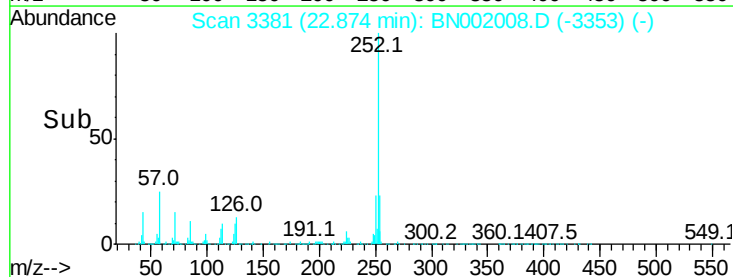
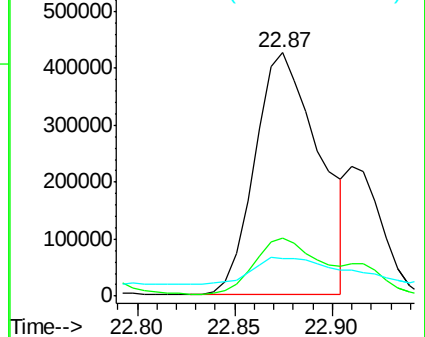
125 15.5 5.4 8.0#

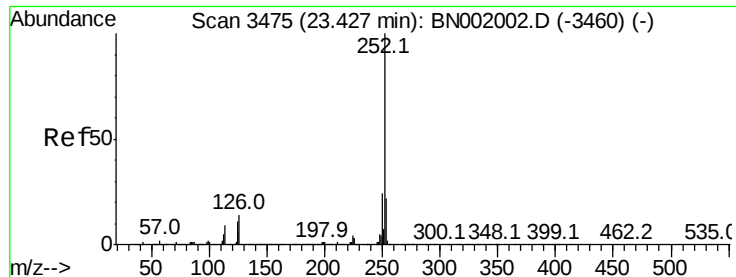


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.672 ng/ul

RT: 23.45 min Scan# 3478

Delta R.T. 0.01 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampleId :

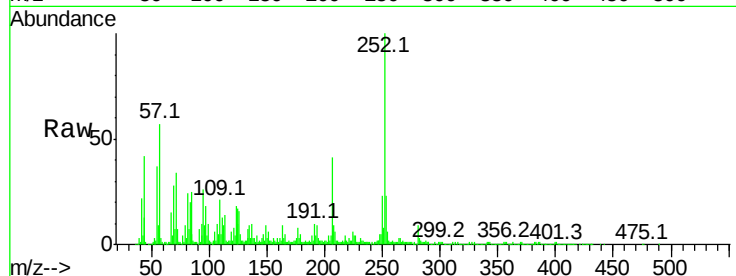
Tot Ion:252 Resp: 562050

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

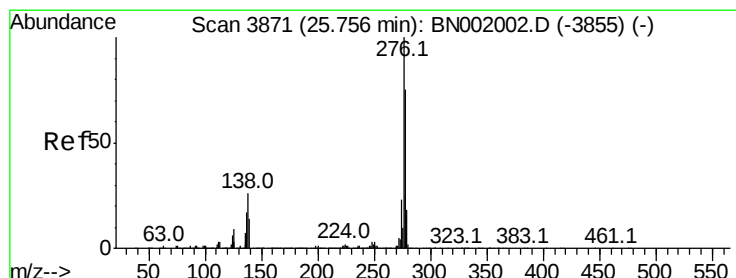
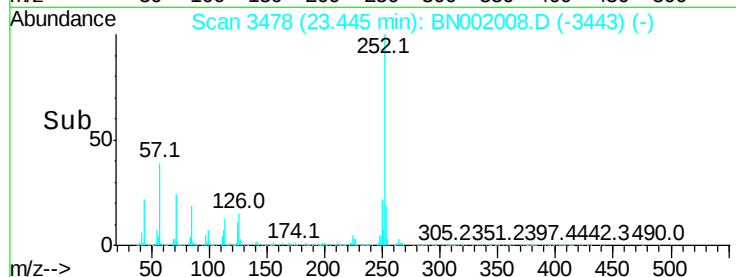
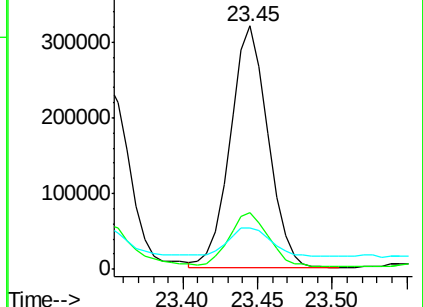
125 17.0 5.8 8.6#



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: 2.555 ng/ul

RT: 25.77 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

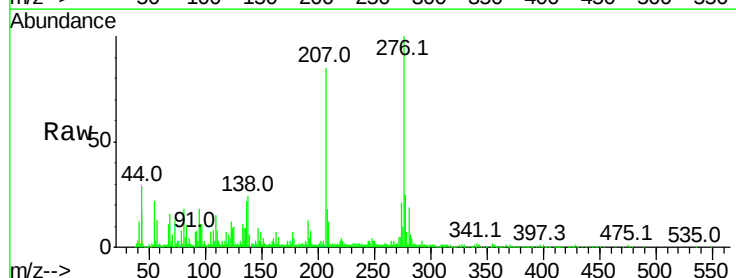
Tgt Ion:276 Resp: 416145

Ion Ratio Lower Upper

276 100

138 30.6 10.9 16.3#

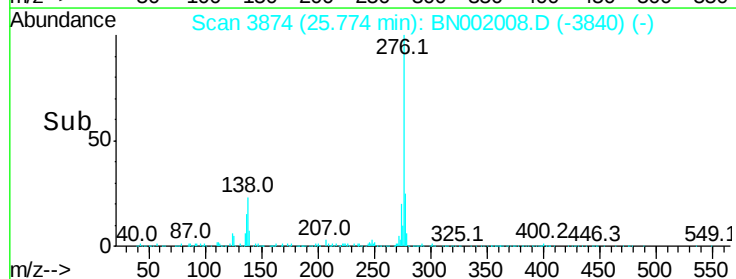
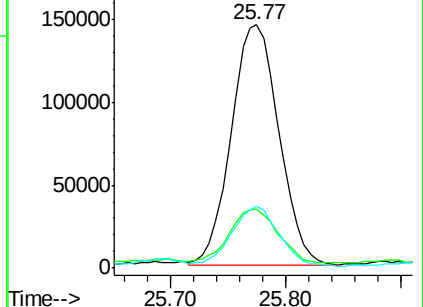
277 25.3 18.9 28.3

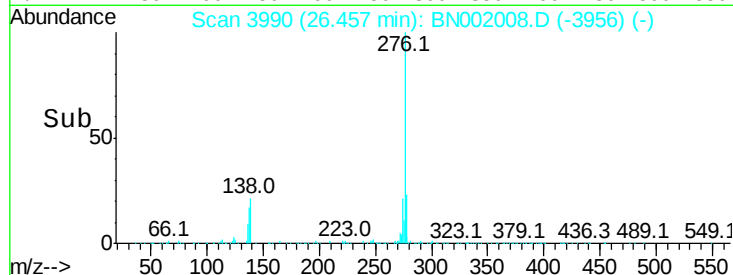
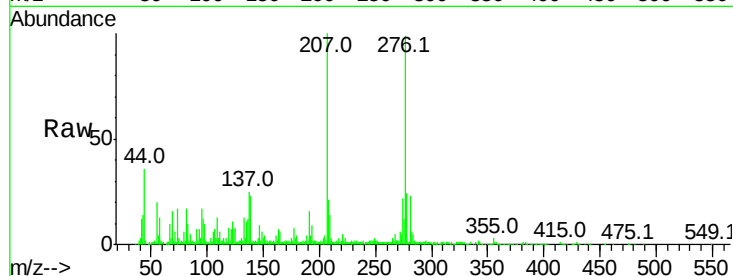
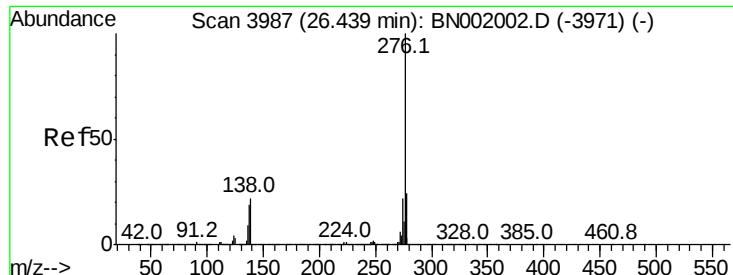


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.758 ng/ul

RT: 26.46 min Scan# 3990

Delta R.T. 0.00 min

Lab File: BN002008.D

Acq: 11 Jul 2018 13:40

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 370592

Ion Ratio Lower Upper

276 100

138 23.7 11.2 16.8#

277 24.0 19.0 28.6

