

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005938.D
 Acq On : 29 May 2019 19:40
 Operator : JU/SJ
 Sample : K2924-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:01:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	529974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2383696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1346754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2937728	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2248326	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2070663	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	59863	4.97	ng/uL	0.00
5) Phenol-d5	6.89	99	1238031	26.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	746135	27.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	993934	27.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	938028	24.74	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	503201	32.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	526609	36.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	966997	28.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	719435	16.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2896892	29.18	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3699952	29.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	355353	19.67	ng/ul	0.00
57) Fluorene-d10	15.36	176	2602226	31.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	147143	12.29	ng/ul	0.00
70) Anthracene-d10	17.22	188	3849622	30.79	ng/ul	0.00
78) Pyrene-d10	19.52	212	3919042	34.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2901740	31.41	ng/ul	0.00

Target Compounds

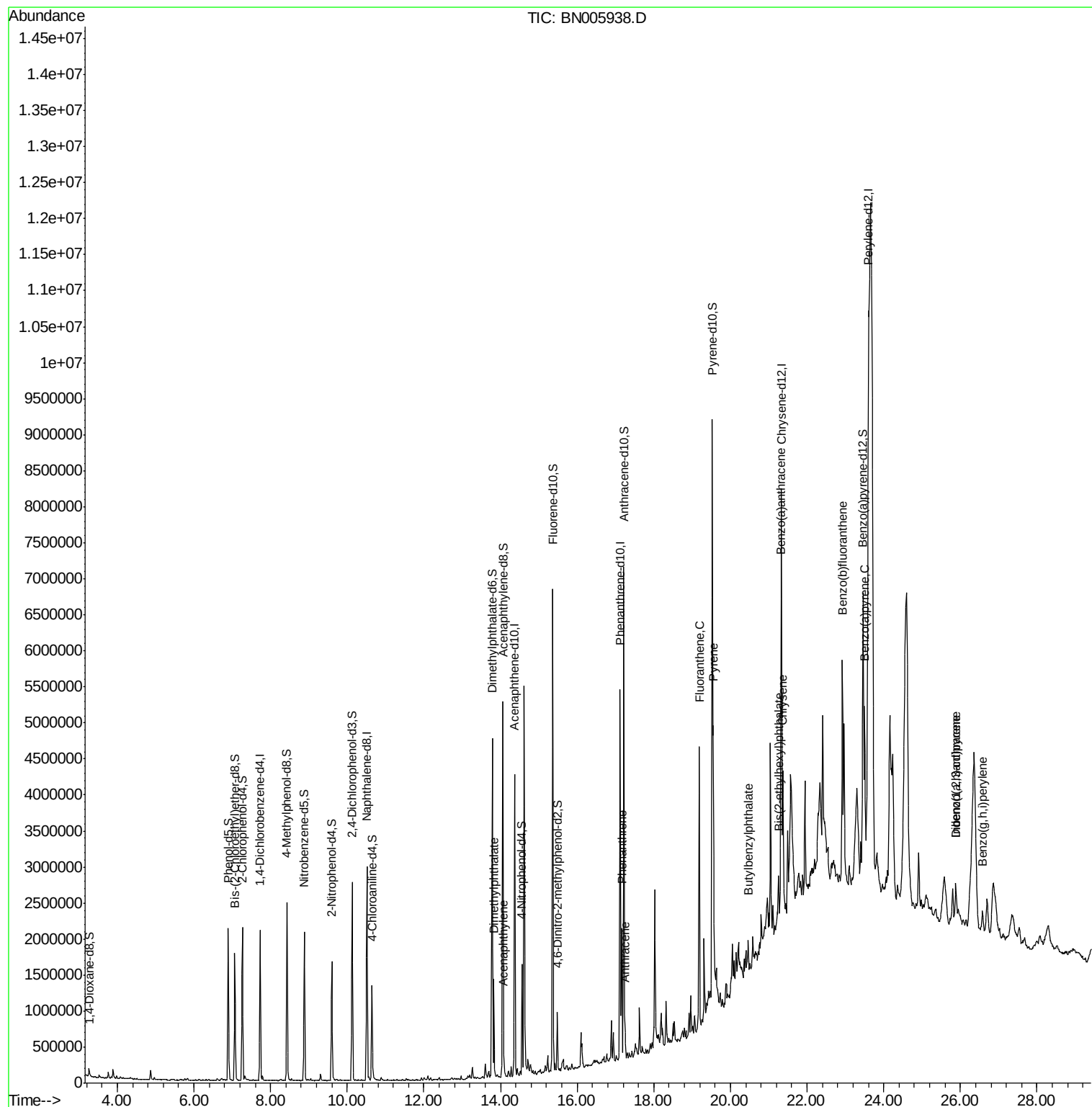
					Ovalue	
44) Dimethylphthalate	13.83	163	833384	8.398	ng/ul	99
47) Acenaphthylene	14.09	152	130091	1.068	ng/ul	98
69) Phenanthrene	17.16	178	1059965	7.282	ng/ul	100
71) Anthracene	17.25	178	246180	1.666	ng/ul	99
76) Fluoranthene	19.19	202	2102810	13.533	ng/ul#	94
79) Pyrene	19.55	202	1854119	13.018	ng/ul#	93
80) Butylbenzylphthalate	20.46	149	87989	1.375	ng/ul	94
82) Benzo(a)anthracene	21.32	228	850755	6.019	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.26	149	230379	2.483	ng/ul#	97
84) Chrysene	21.37	228	932197	7.072	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1008951	8.675	ng/ul#	85
90) Benzo(a)pyrene	23.51	252	652287	5.947	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.88	276	451009	3.504	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.88	278	127697	1.192	ng/ul#	75
93) Benzo(g,h,i)perylene	26.58	276	321763	2.969	ng/ul#	90

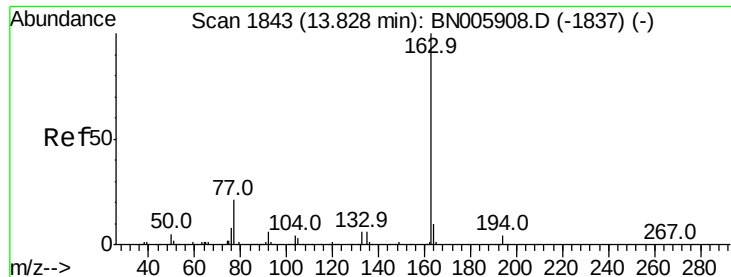
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
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Quant Time: May 30 05:01:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.398 ng/ul

RT: 13.83 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

Instrument :

BNA_N

ClientSampleId :

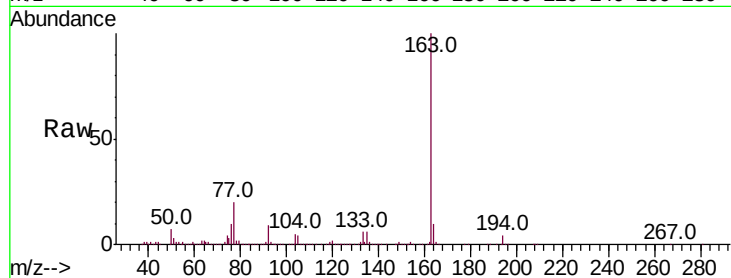
Tot Ion:163 Resp: 833384

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

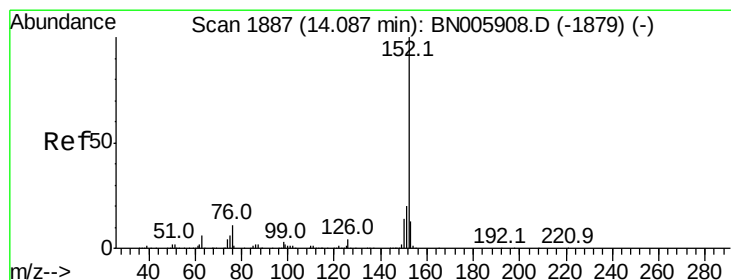
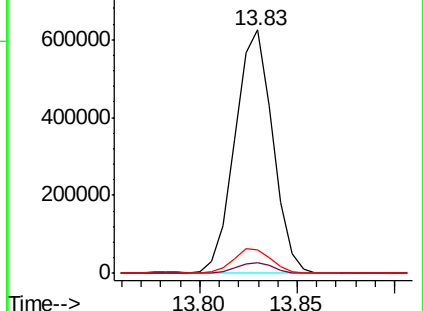
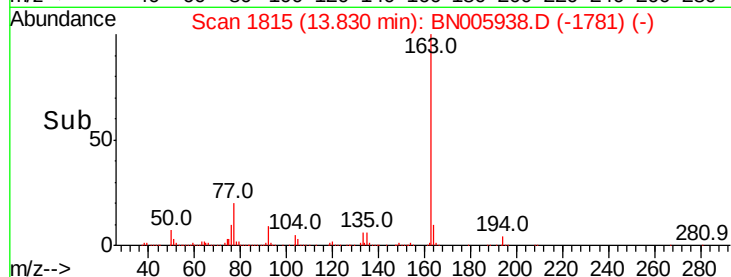
164 9.8 8.1 12.1



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: 1.068 ng/ul

RT: 14.09 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

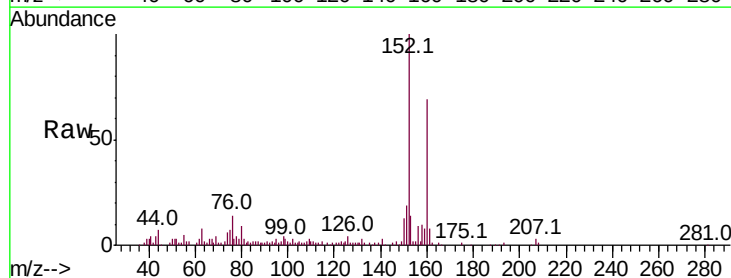
Tgt Ion:152 Resp: 130091

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.8

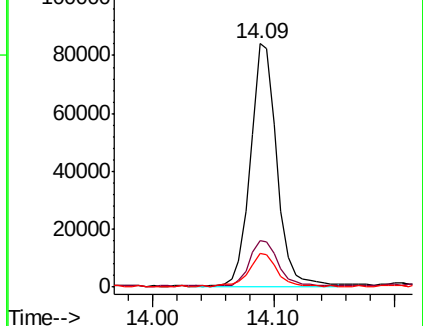
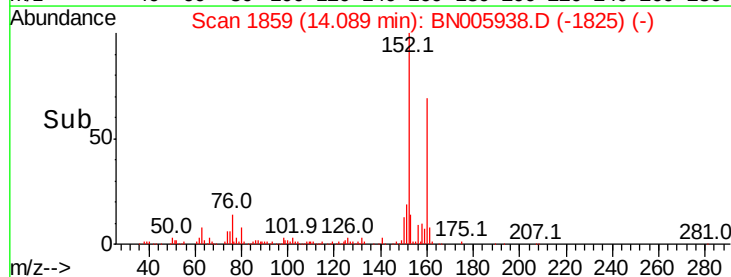
153 13.6 9.8 14.8

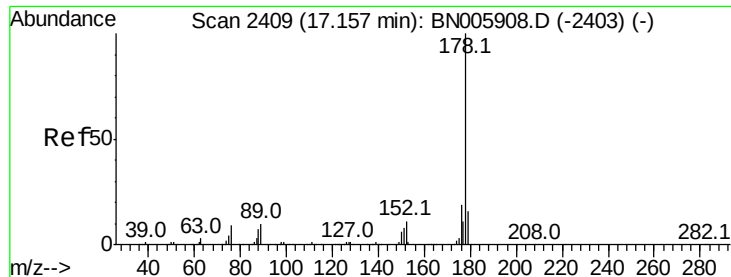


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 7.282 ng/ul

RT: 17.16 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

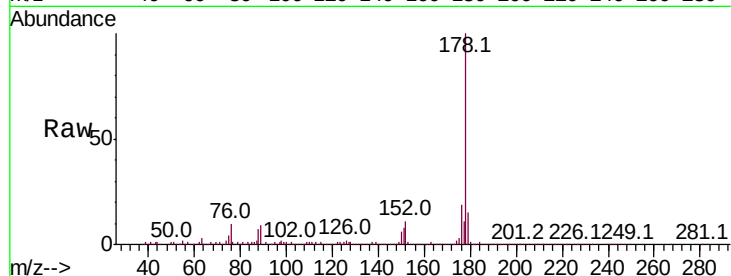
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 1059965

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.8	15.1	22.7

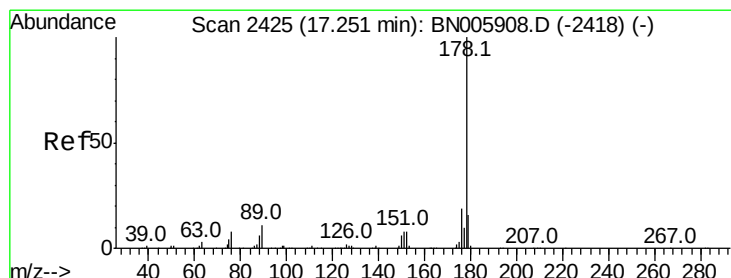
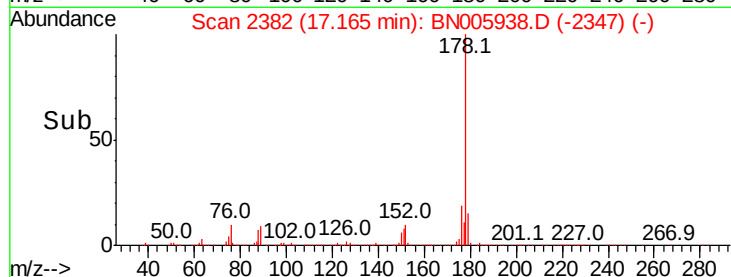
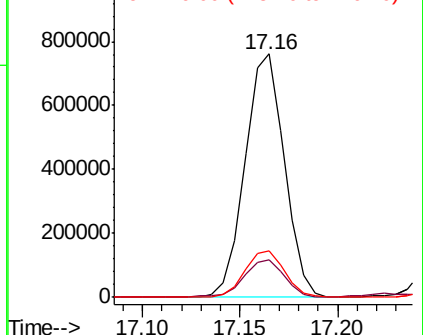


Abundance

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: 1.666 ng/ul

RT: 17.25 min Scan# 2397

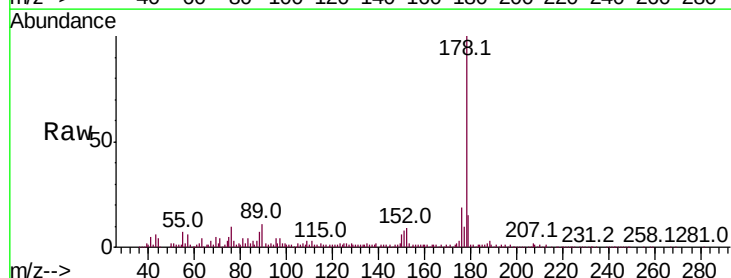
Delta R.T. 0.00 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

Tgt Ion:178 Resp: 246180

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.4	15.1	22.7

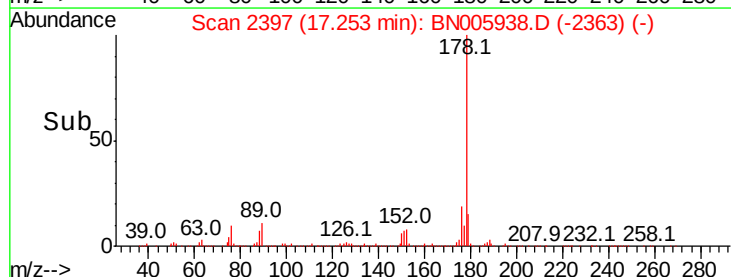
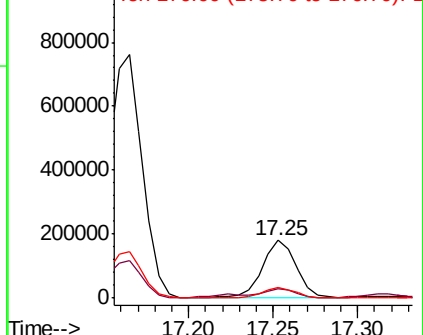


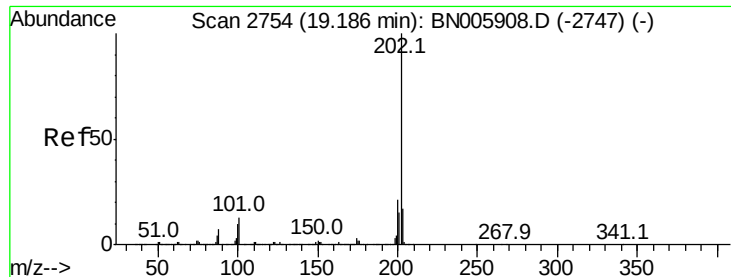
Abundance

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

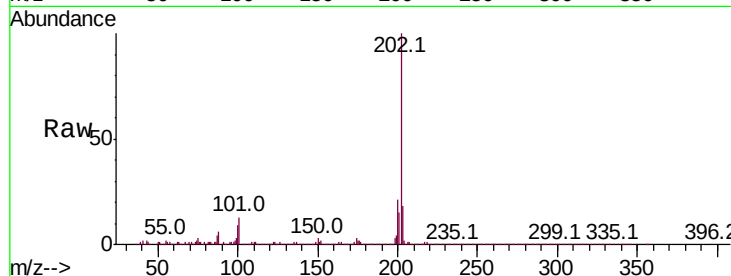




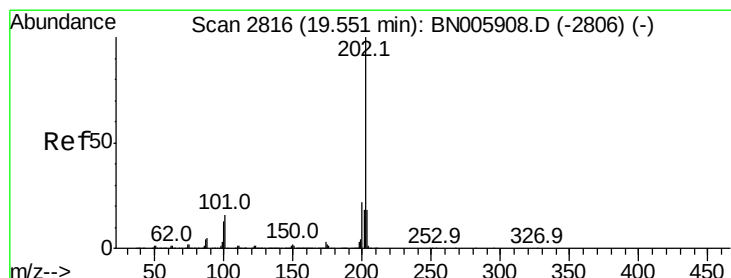
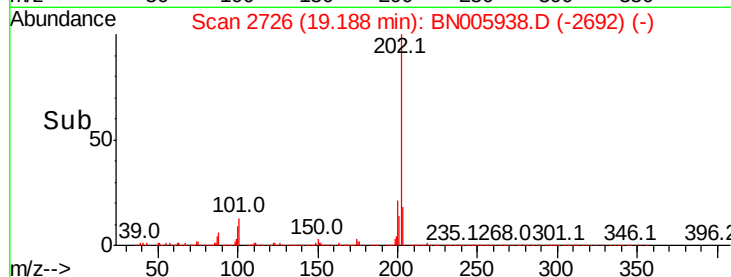
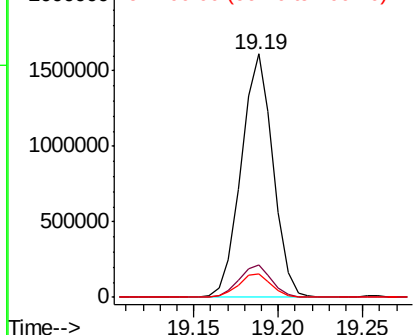
#76
Fluoranthene
Concen: 13.533 ng/ul
RT: 19.19 min Scan# 2726
Delta R.T. 0.00 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2102810
Ion Ratio Lower Upper
202 100
101 13.1 8.6 12.8#
100 9.4 6.3 9.5

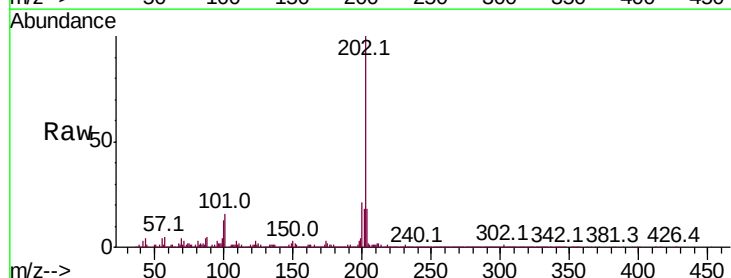


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

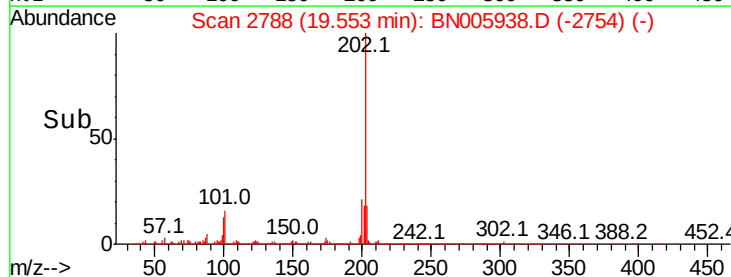
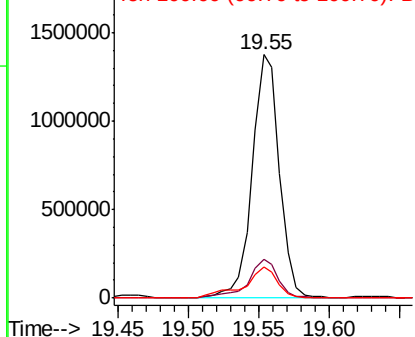


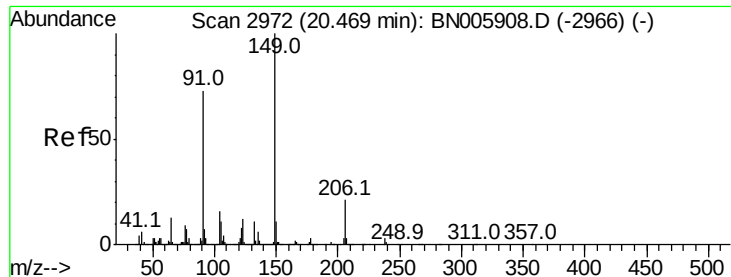
#79
Pyrene
Concen: 13.018 ng/ul
RT: 19.55 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

Tgt Ion:202 Resp: 1854119
Ion Ratio Lower Upper
202 100
101 15.8 10.3 15.5#
100 12.7 7.9 11.9#



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

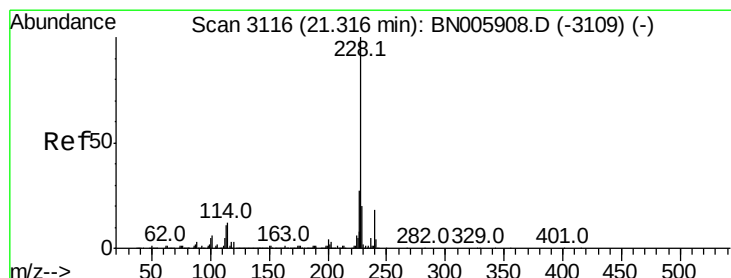
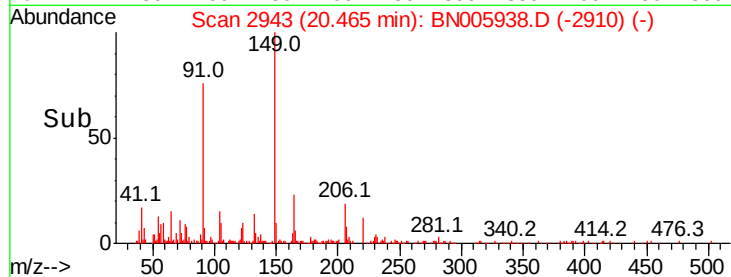
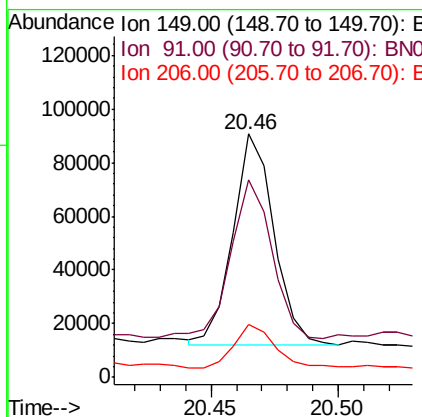
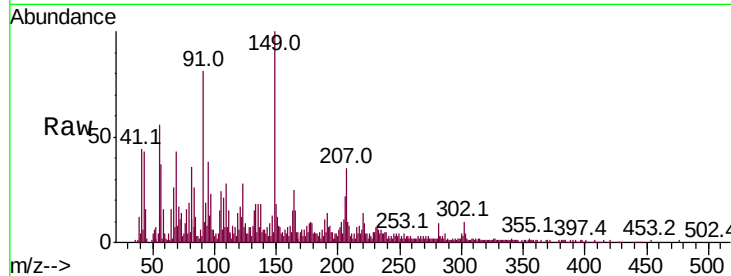




#80
Butylbenzylphthalate
Concen: 1.375 ng/ul
RT: 20.46 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

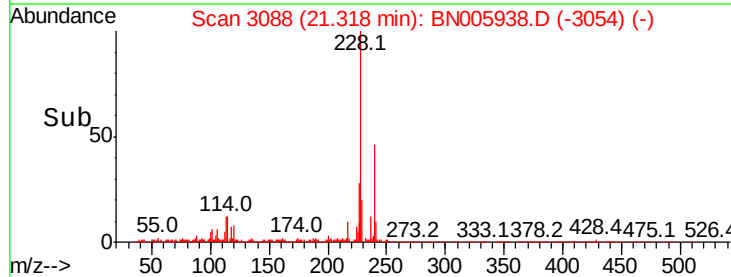
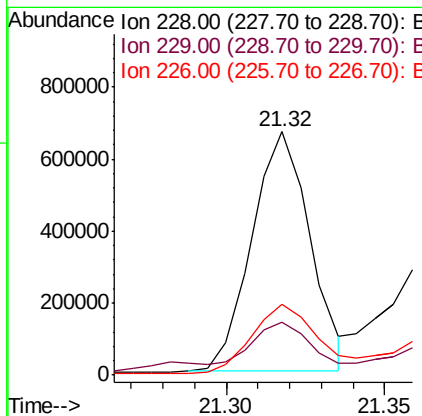
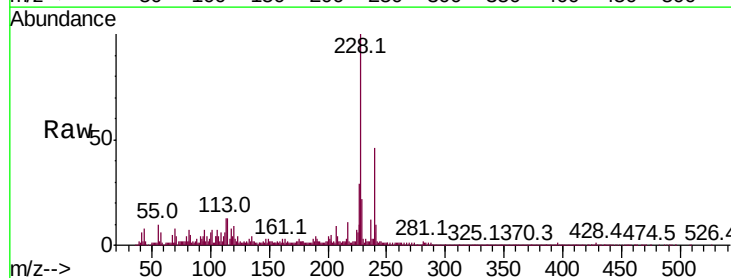
Instrument :
BNA_N
ClientSampleId :

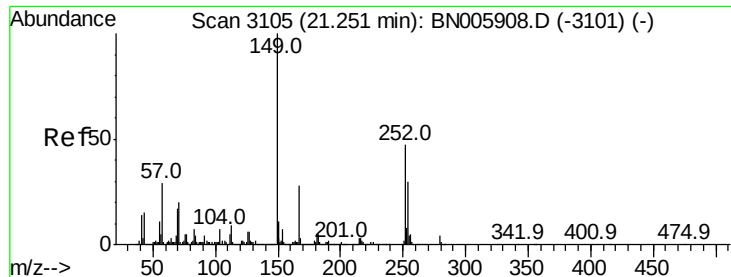
Tot Ion:149 Resp: 87989
Ion Ratio Lower Upper
149 100
91 81.1 59.6 89.4
206 21.7 17.8 26.8



#82
Benzo(a)anthracene
Concen: 6.019 ng/ul
RT: 21.32 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

Tgt Ion:228 Resp: 850755
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.3 21.4 32.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.483 ng/ul

RT: 21.26 min Scan# 3078

Delta R.T. 0.01 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

Instrument :

BNA_N

ClientSampleId :

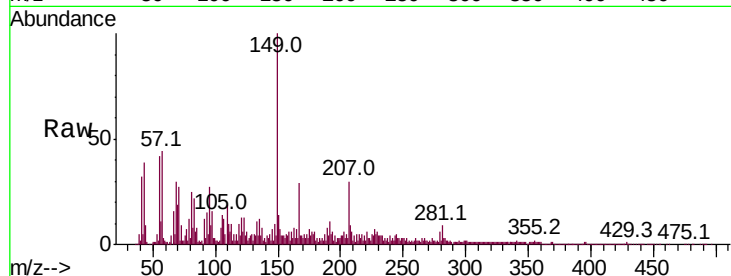
Tot Ion:149 Resp: 230379

Ion Ratio Lower Upper

149 100

167 29.5 22.3 33.5

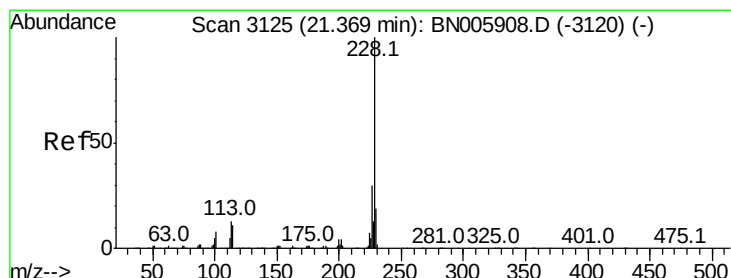
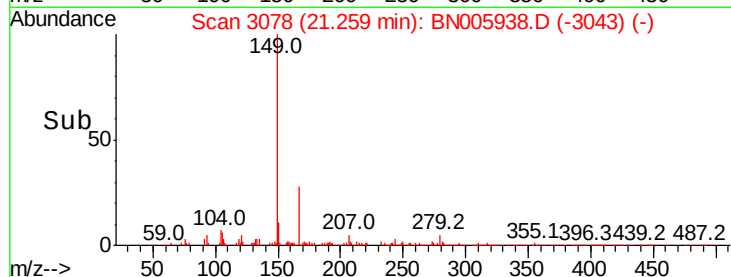
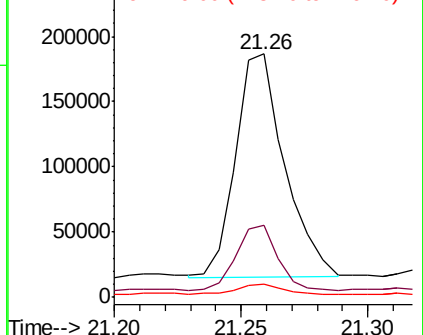
279 5.7 3.3 4.9#



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



#84

Chrysene

Concen: 7.072 ng/ul

RT: 21.37 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

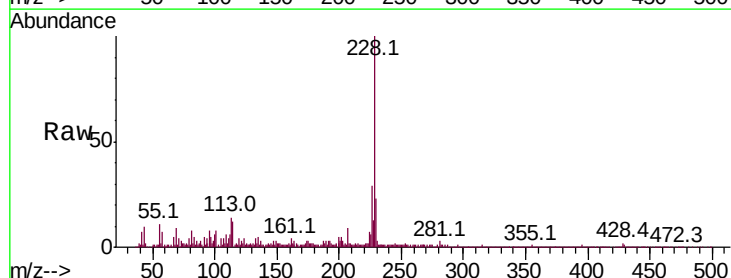
Tgt Ion:228 Resp: 932197

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

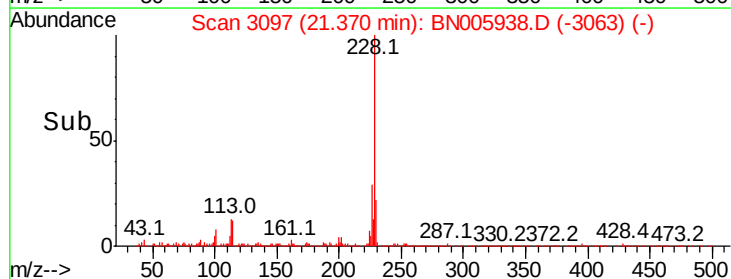
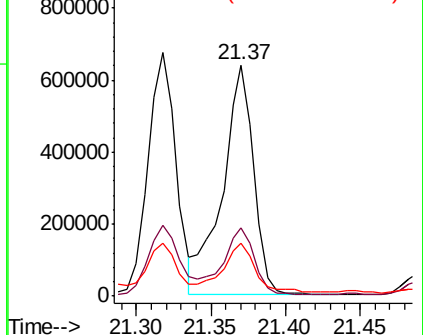
229 22.6 15.4 23.0

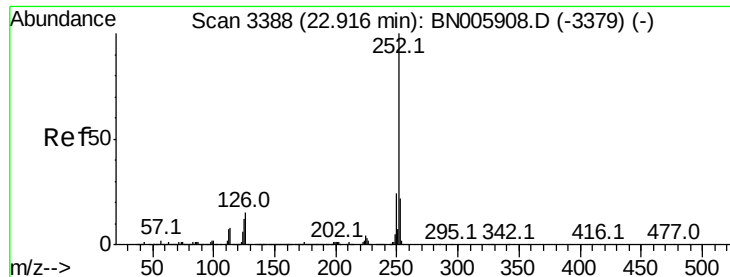


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 8.675 ng/ul

RT: 22.92 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

Instrument :

BNA_N

ClientSampled :

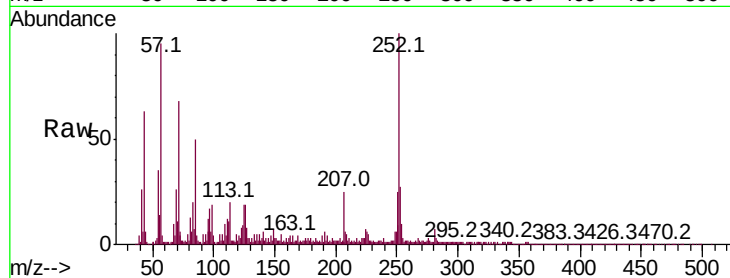
Tot Ion:252 Resp: 1008951

Ion Ratio Lower Upper

252 100

253 27.5 17.7 26.5#

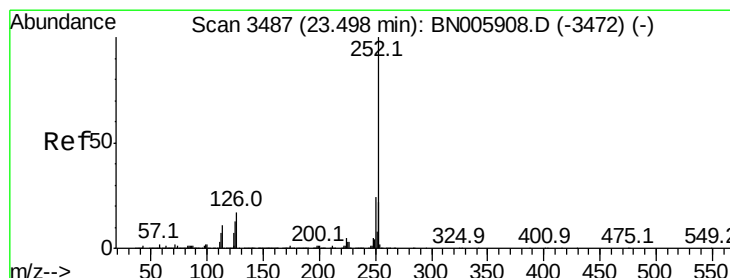
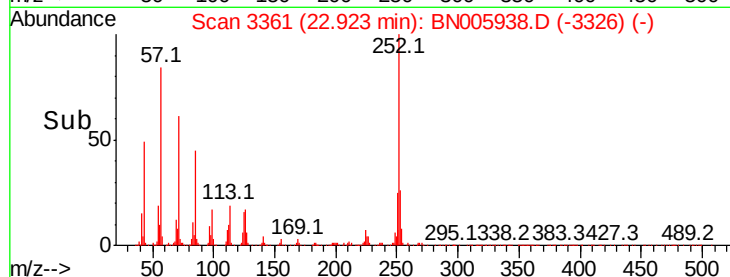
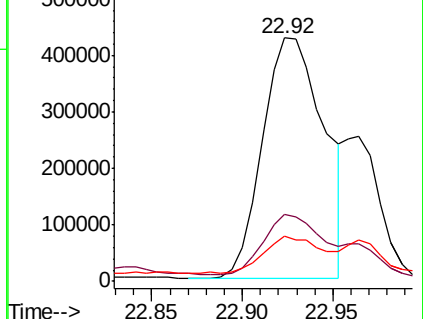
125 18.7 8.4 12.6#



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



#90

Benzo(a)pyrene

Concen: 5.947 ng/ul

RT: 23.51 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

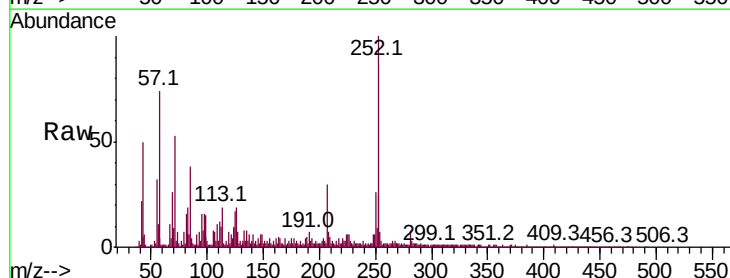
Tgt Ion:252 Resp: 652287

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

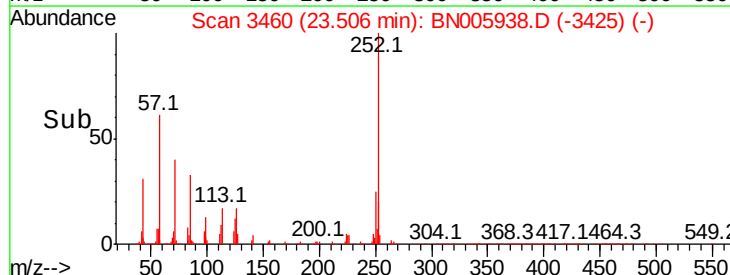
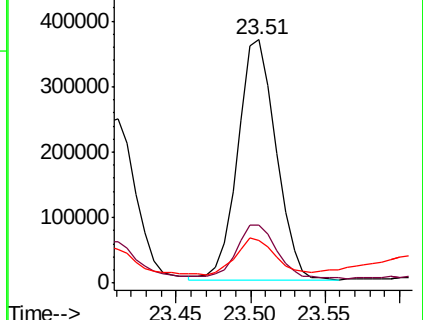
125 17.3 8.6 13.0#

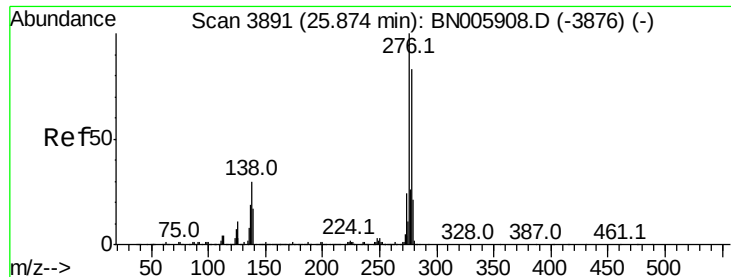


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



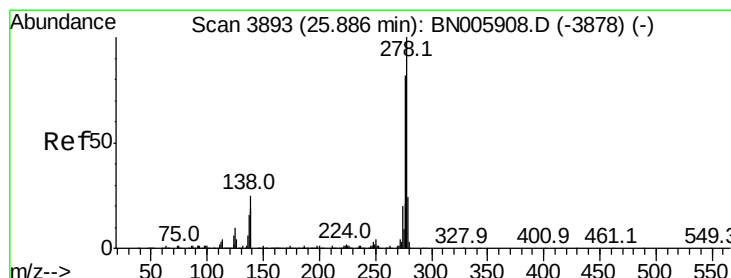
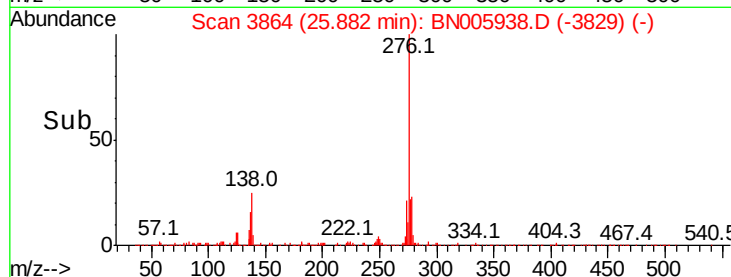
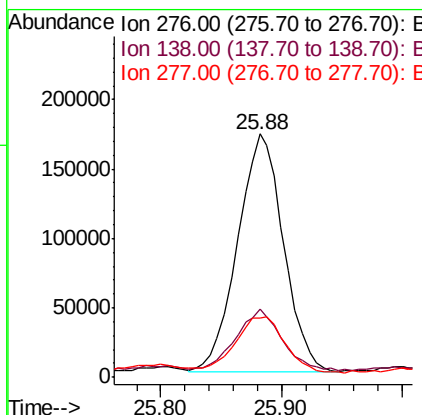
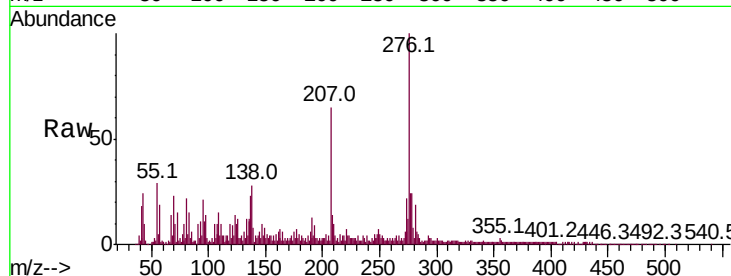


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.504 ng/ul
RT: 25.88 min Scan# 3864
Delta R.T. 0.01 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

Instrument :
BNA_N
ClientSampleId :

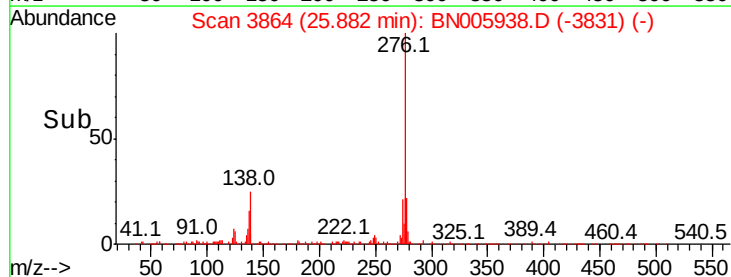
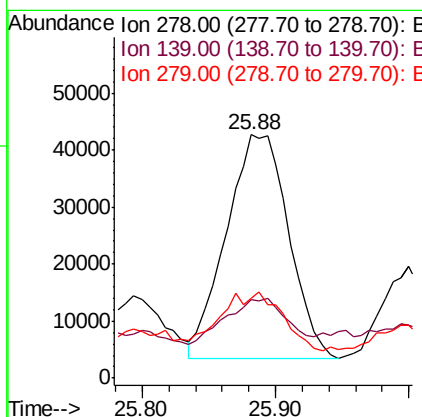
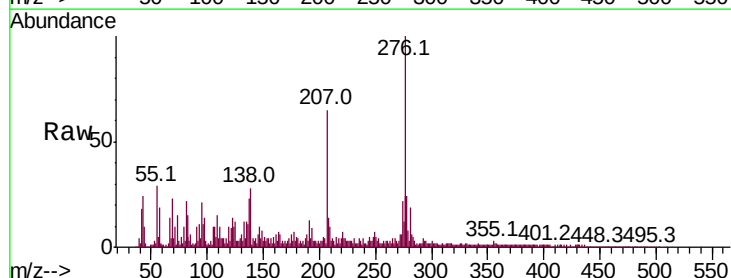
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	17.9	26.9#
277	24.3	19.7	29.5

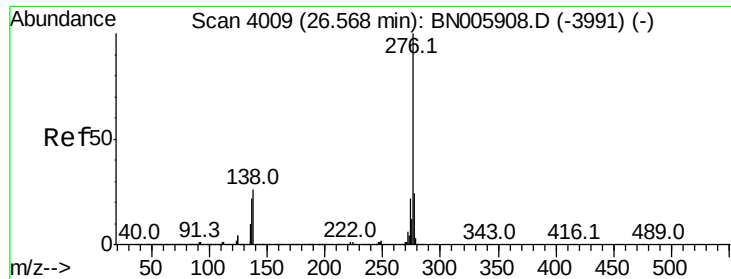


#92

Dibenzo(a,h)anthracene
Concen: 1.192 ng/ul
RT: 25.88 min Scan# 3864
Delta R.T. -0.00 min
Lab File: BN005938.D
Acq: 29 May 2019 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.1	19.7#
279	33.0	19.4	29.0#





#93

Benzo(a,h,i)perylene

Concen: 2.969 ng/ul

RT: 26.58 min Scan# 3983

Delta R.T. 0.01 min

Lab File: BN005938.D

Acq: 29 May 2019 19:40

Instrument :

BNA_N

ClientSampleId :

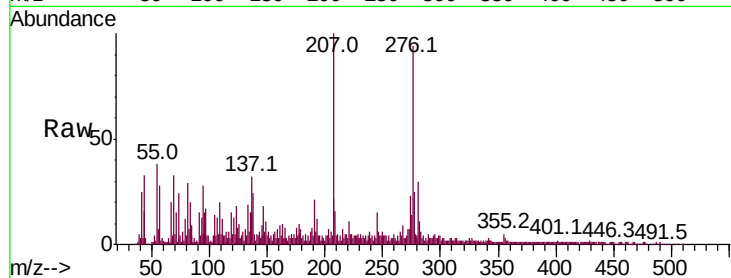
Tot Ion:276 Resp: 321763

Ion Ratio Lower Upper

276 100

138 26.0 16.7 25.1#

277 26.8 18.2 27.2



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

