

Data File : BN003937.D
Acq On : 14 Dec 2018 18:31
Operator : JU/SJ
Sample : J6270-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E00

Quant Time: Dec 14 22:54:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:50:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	36765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	175745	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	106500	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	254684	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	313482	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	291616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	2168	3.86	ng/uL	0.00
5) Phenol-d5	6.99	99	76685	21.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41558	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	63564	22.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	62750	20.72	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	32584	23.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	37317	23.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	67457	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	51452	19.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	208744	21.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	274337	24.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	35651	18.14	ng/ul	0.00
57) Fluorene-d10	15.46	176	195290	23.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	15211	8.29	ng/ul	0.00
70) Anthracene-d10	17.31	188	318227	24.73	ng/ul	0.00
78) Pyrene-d10	19.60	212	378145	26.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	396639	25.07	ng/ul	0.00

Target Compounds

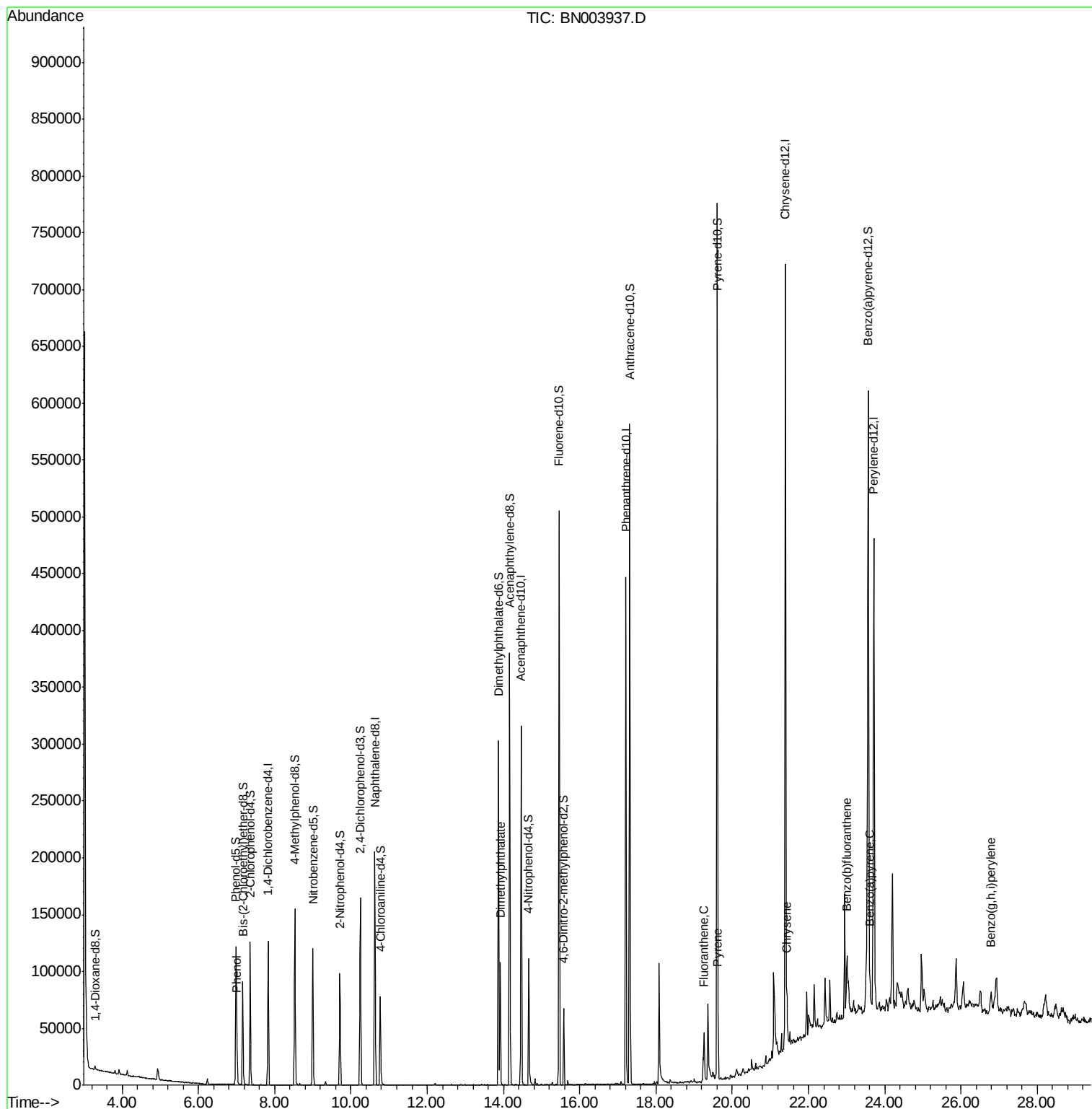
					Qvalue
6) Phenol	7.02	94	18014	4.938 ng/ul	98
44) Dimethylphthalate	13.92	163	68862	7.420 ng/ul	99
76) Fluoranthene	19.26	202	21332	1.183 ng/ul	98
79) Pyrene	19.63	202	24747	1.413 ng/ul	97
84) Chrysene	21.43	228	21120	1.153 ng/ul	97
87) Benzo(b)fluoranthene	23.01	252	39240	2.246 ng/ul#	95
90) Benzo(a)pyrene	23.61	252	18188	1.081 ng/ul#	91
93) Benzo(g,h,i)perylene	26.79	276	21645	1.179 ng/ul	95

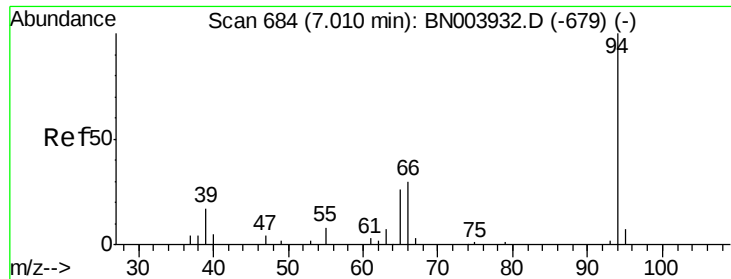
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.938 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

F9E00

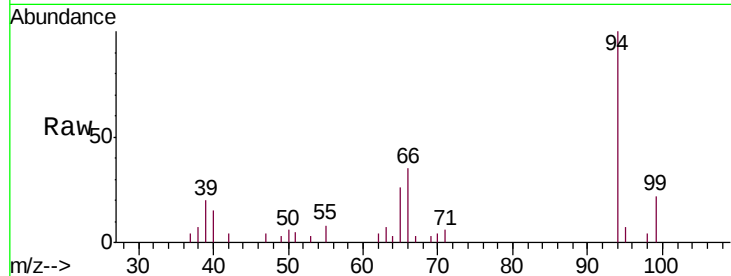
Tgt Ion: 94 Resp: 18014

Ion Ratio Lower Upper

94 100

65 25.7 21.2 31.8

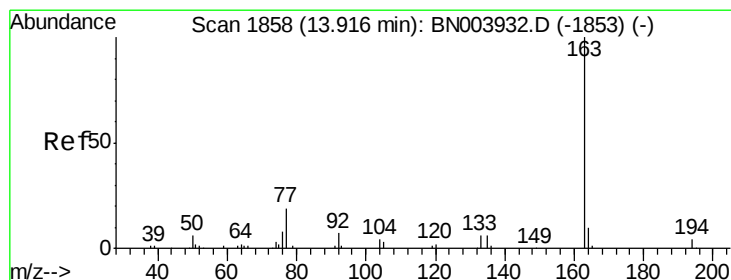
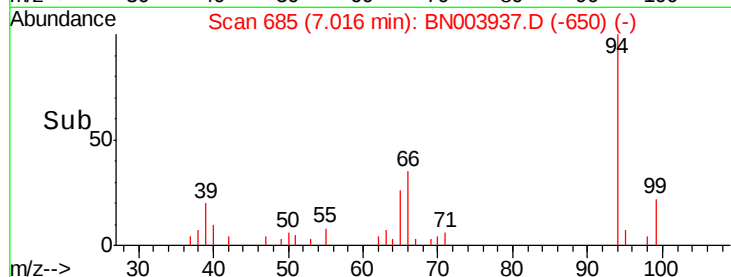
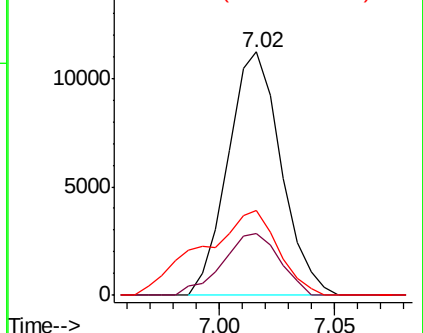
66 34.8 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003937.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN003937.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN003937.D (-650) (-)



#44

Dimethylphthalate

Concen: 7.420 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

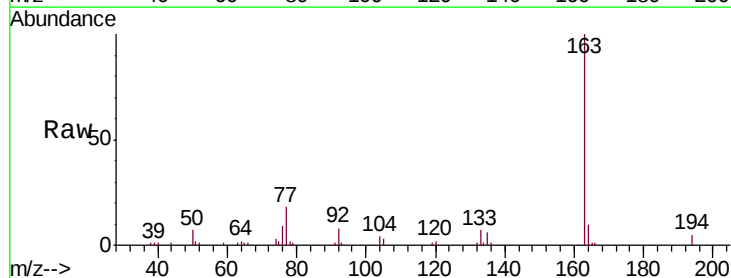
Tgt Ion: 163 Resp: 68862

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

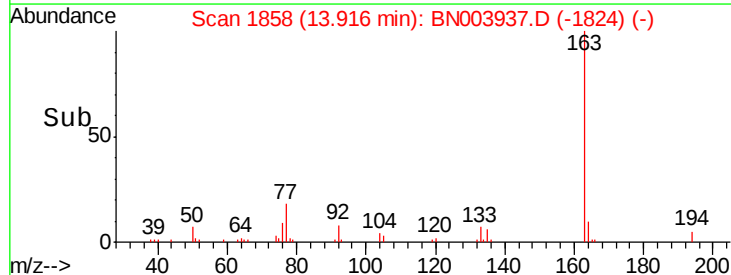
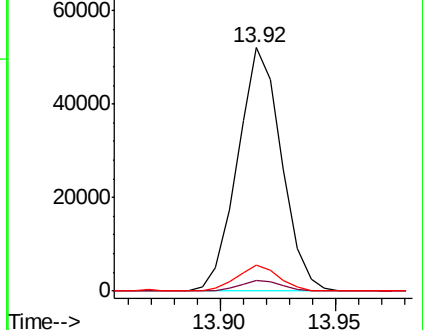
164 10.5 7.9 11.9

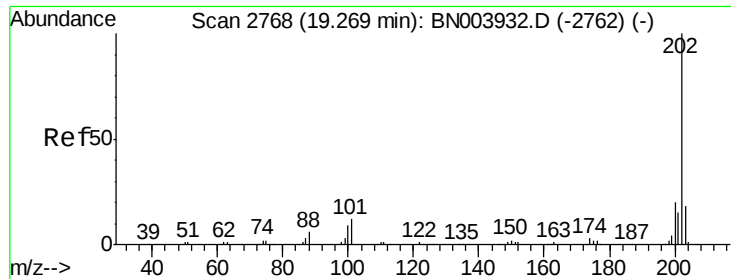


Abundance Ion 163.00 (162.70 to 163.70): BN003937.D (-1824) (-)

Ion 194.00 (193.70 to 194.70): BN003937.D (-1824) (-)

Ion 164.00 (163.70 to 164.70): BN003937.D (-1824) (-)

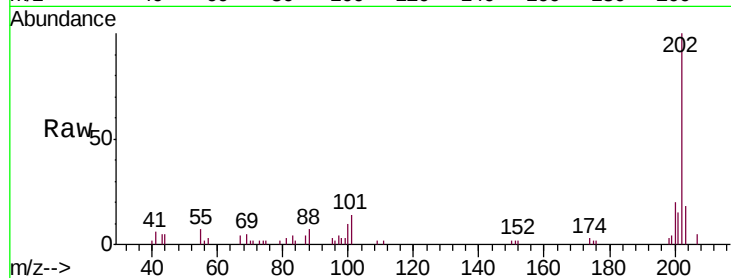




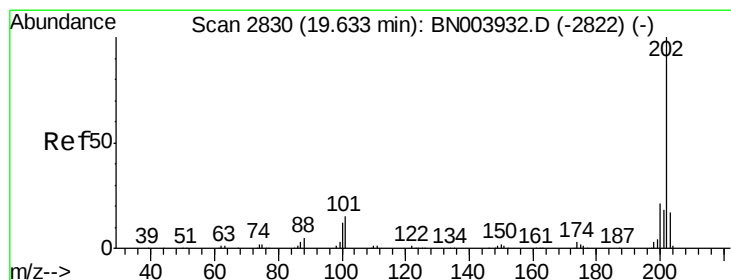
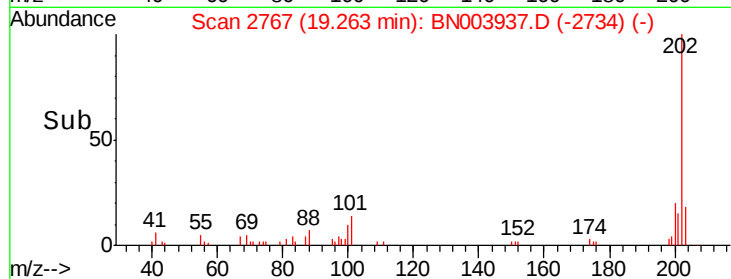
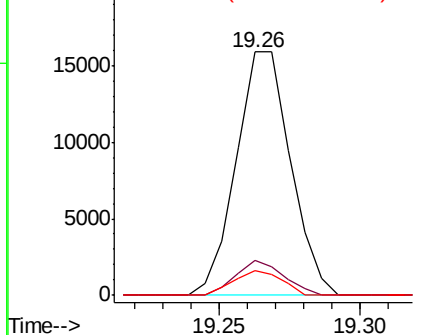
#76
 Fluoranthene
 Concen: 1.183 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BN003937.D
 Acq: 14 Dec 2018 18:31

Instrument :
 BNA_N
 ClientSampleId :
 F9E00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.2	15.2
100	10.0	7.8	11.8

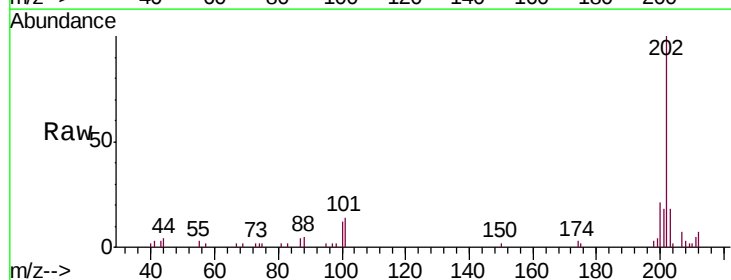


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

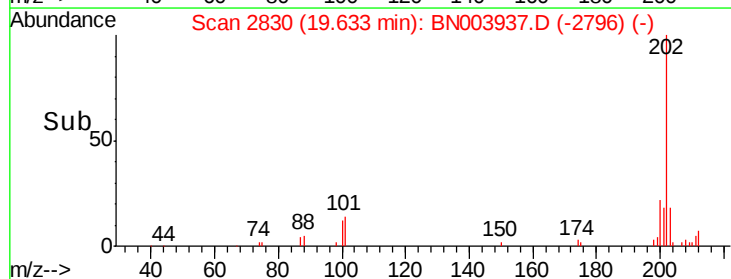
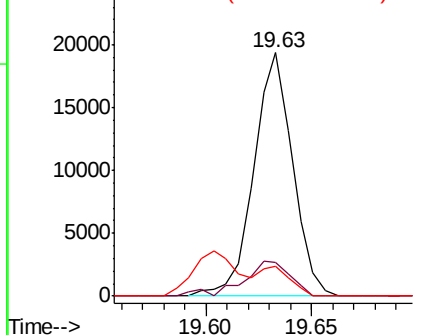


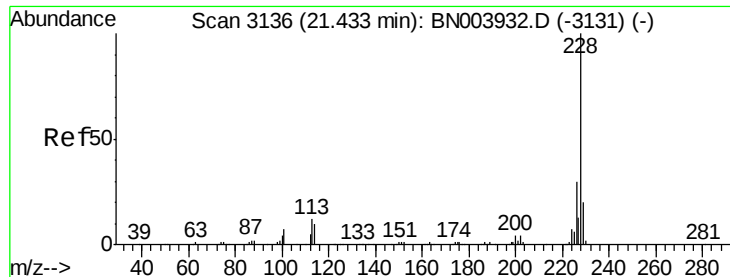
#79
 Pyrene
 Concen: 1.413 ng/ul
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: BN003937.D
 Acq: 14 Dec 2018 18:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.2	18.2
100	12.0	9.9	14.9



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





#84

Chrysene

Concen: 1.153 ng/ul

RT: 21.43 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

F9E00

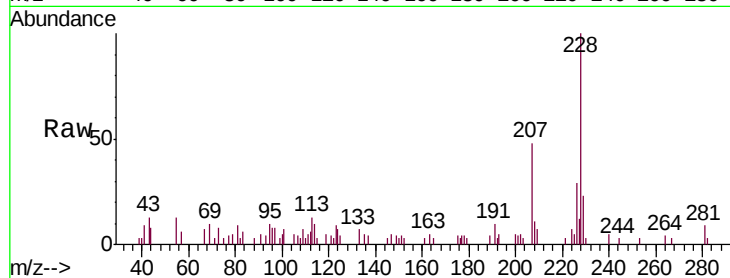
Tgt Ion:228 Resp: 21120

Ion Ratio Lower Upper

228 100

226 29.0 23.8 35.8

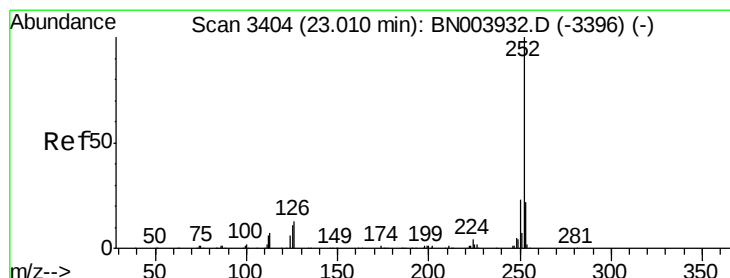
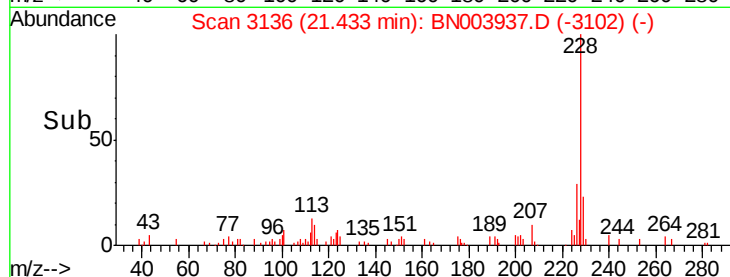
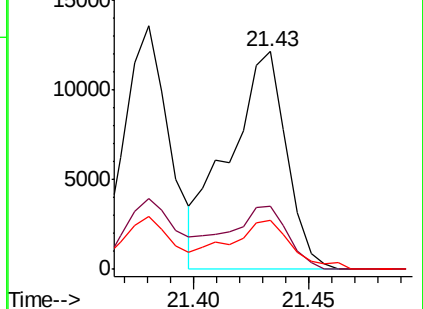
229 22.6 15.8 23.6



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: 2.246 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

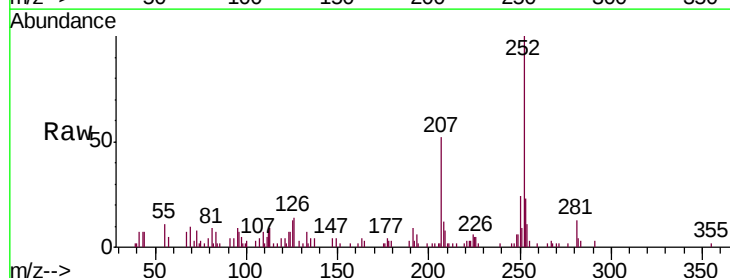
Tgt Ion:252 Resp: 39240

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

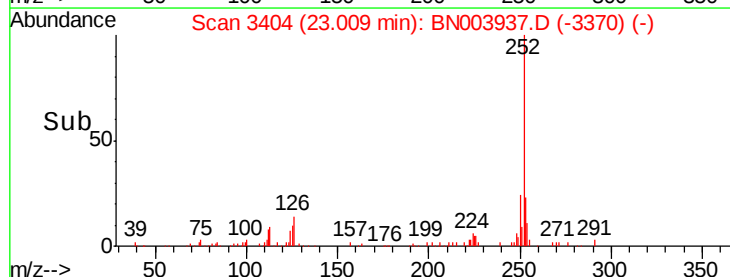
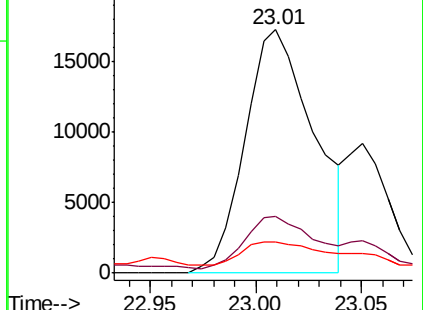
125 12.6 8.2 12.4#

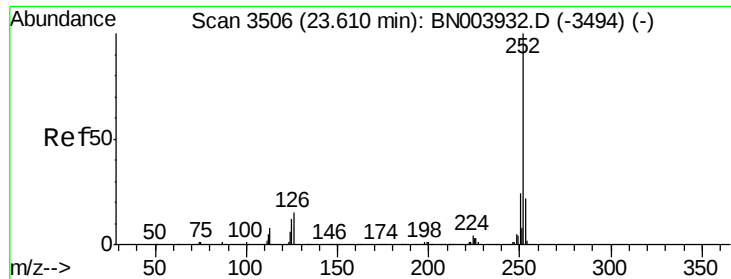


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.081 ng/ul

RT: 23.61 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

Instrument :

BNA_N

ClientSampleId :

F9E00

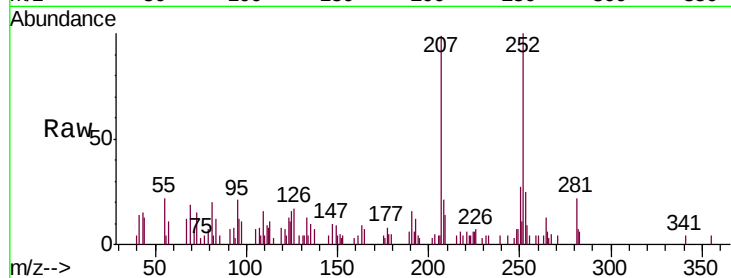
Tgt Ion:252 Resp: 18188

Ion Ratio Lower Upper

252 100

253 25.2 17.5 26.3

125 16.3 9.1 13.7#

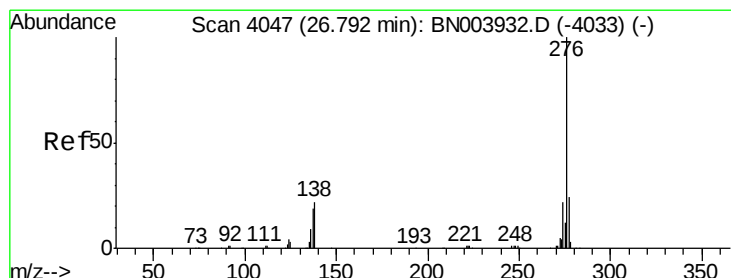
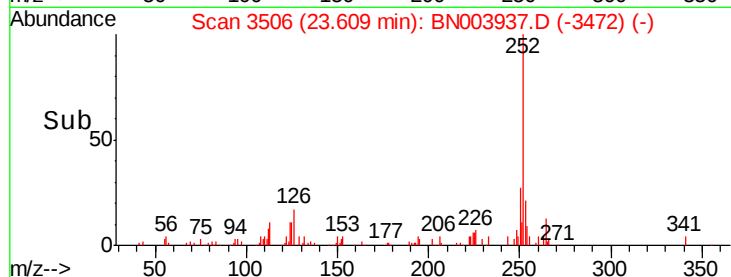
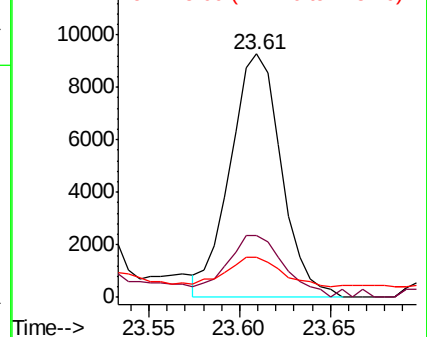


Abundance

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



#93

Benzo(g,h,i)perylene

Concen: 1.179 ng/ul

RT: 26.79 min Scan# 4046

Delta R.T. -0.01 min

Lab File: BN003937.D

Acq: 14 Dec 2018 18:31

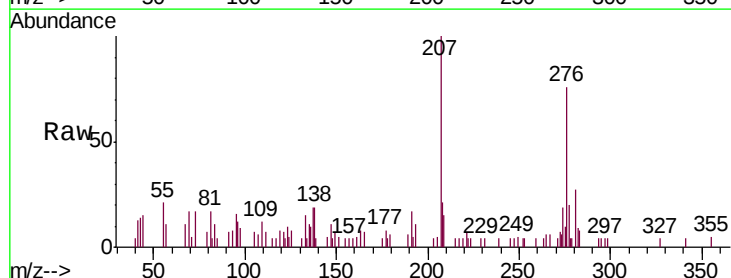
Tgt Ion:276 Resp: 21645

Ion Ratio Lower Upper

276 100

138 24.8 18.2 27.4

277 26.3 19.0 28.6



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

