

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002919.D
 Acq On : 04 Oct 2018 02:04
 Operator : MJ/SJ
 Sample : J5115-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 04 04:30:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	678562	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	388321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	815562	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	591601	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	547794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9746	2.98	ng/uL	0.00
5) Phenol-d5	6.82	99	245345	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	154177	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	204877	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	177093	17.83	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	100591	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	117101	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	206293	19.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	210143	16.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	628743	20.68	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	801331	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	82402	16.40	ng/ul	0.00
57) Fluorene-d10	15.26	176	556814	20.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	84517	16.57	ng/ul	0.00
70) Anthracene-d10	17.11	188	799162	20.52	ng/ul	0.00
78) Pyrene-d10	19.42	212	762275	24.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	594236	20.61	ng/ul	0.00

Target Compounds

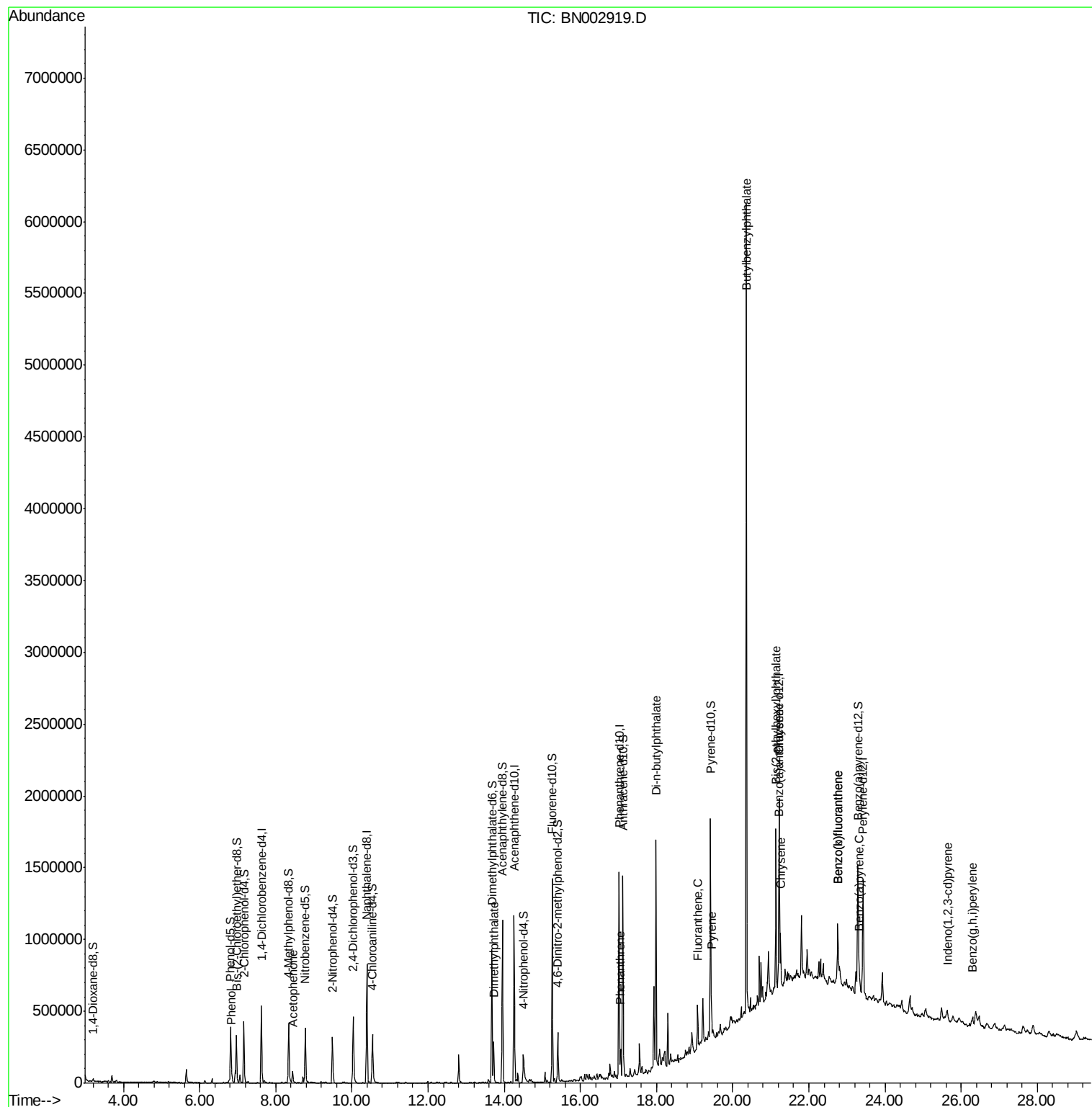
					Ovalue
6) Phenol	6.85	94	21792	1.685	ng/ul 98
14) Acetophenone	8.45	105	45418	2.968	ng/ul 94
44) Dimethylphthalate	13.72	163	190095	6.408	ng/ul 98
69) Phenanthrene	17.06	178	111809	2.488	ng/ul 98
75) Di-n-butylphthalate	17.99	149	1143696	24.380	ng/ul 100
76) Fluoranthene	19.08	202	163453	3.410	ng/ul 99
79) Pyrene	19.45	202	162666	4.159	ng/ul 98
80) Butylbenzylphthalate	20.36	149	1826197	112.196	ng/ul 95
82) Benzo(a)anthracene	21.20	228	68342	1.857	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.14	149	400642	16.955	ng/ul 98
84) Chrysene	21.26	228	199951	5.796	ng/ul 98
87) Benzo(b)fluoranthene	22.77	252	169326	5.061	ng/ul# 88
88) Benzo(k)fluoranthene	22.77	252	169326	5.425	ng/ul# 90
90) Benzo(a)pyrene	23.33	252	53041	1.677	ng/ul# 78
91) Indeno(1,2,3-cd)pyrene	25.63	276	64553	1.724	ng/ul 97
93) Benzo(g,h,i)perylene	26.30	276	74732	2.388	ng/ul# 93

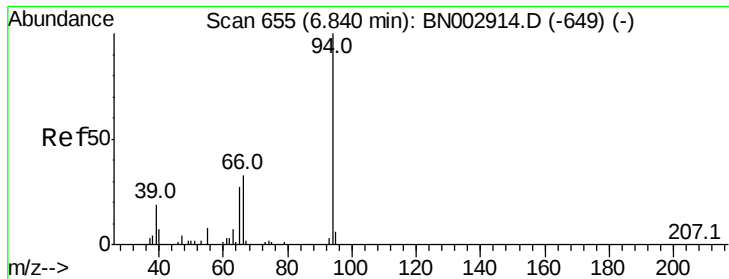
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100418\
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Quant Time: Oct 04 04:30:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.685 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

Instrument :

BNA_N

ClientSampleId :

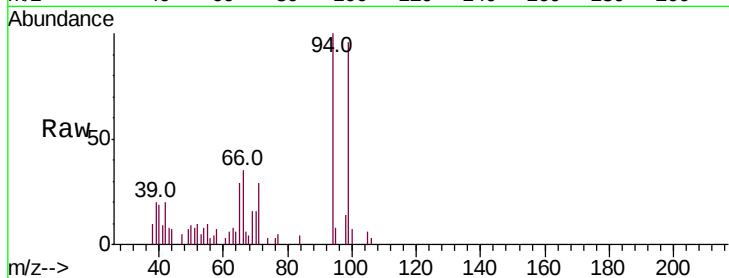
Tot Ion: 94 Resp: 21792

Ion Ratio Lower Upper

94 100

65 28.6 23.1 34.7

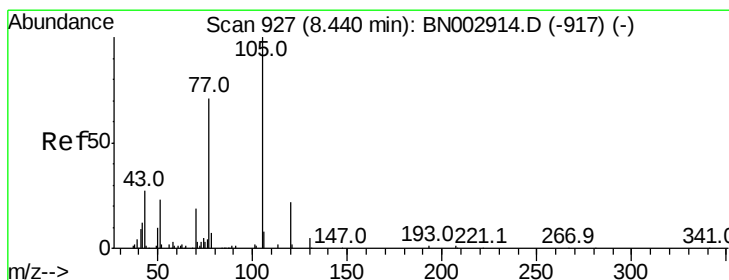
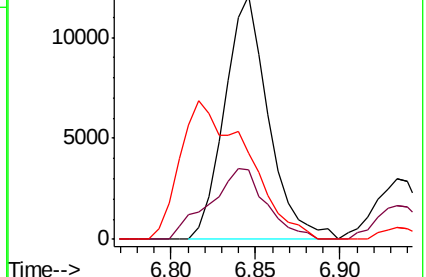
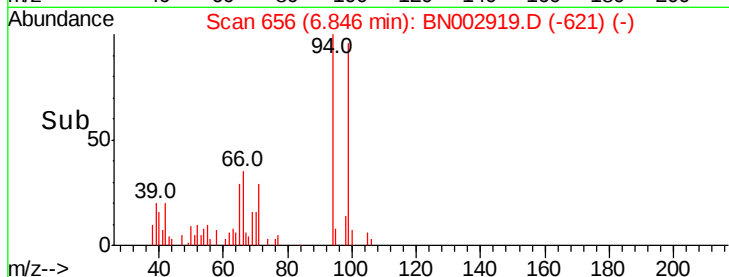
66 35.4 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN002919.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BN002919.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BN002919.D (-649) (-)



#14

Acetophenone

Concen: 2.968 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

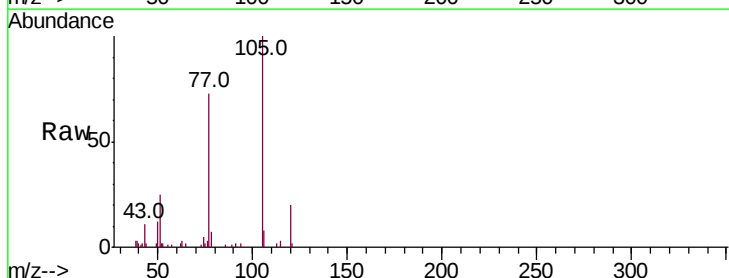
Tgt Ion: 105 Resp: 45418

Ion Ratio Lower Upper

105 100

77 72.7 62.9 94.3

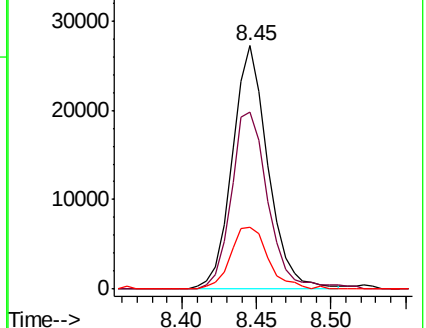
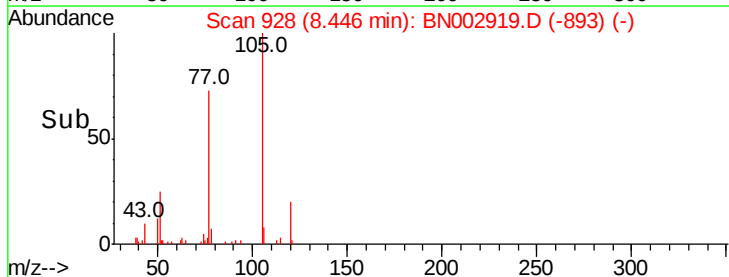
51 25.3 21.9 32.9

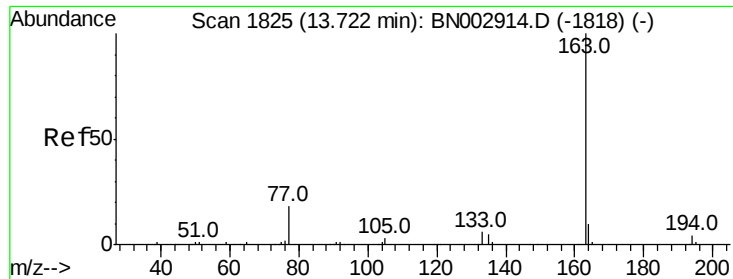


Abundance Ion 105.00 (104.70 to 105.70): BN002919.D (-893) (-)

Ion 77.00 (76.70 to 77.70): BN002919.D (-893) (-)

Ion 51.00 (50.70 to 51.70): BN002919.D (-893) (-)





#44

Dimethylphthalate

Concen: 6.408 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

Instrument :

BNA_N

ClientSampleId :

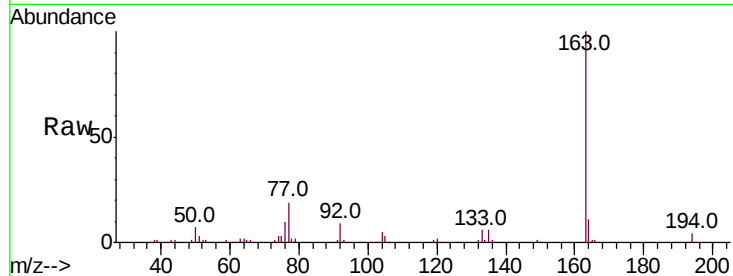
Tot Ion:163 Resp: 190095

Ion Ratio Lower Upper

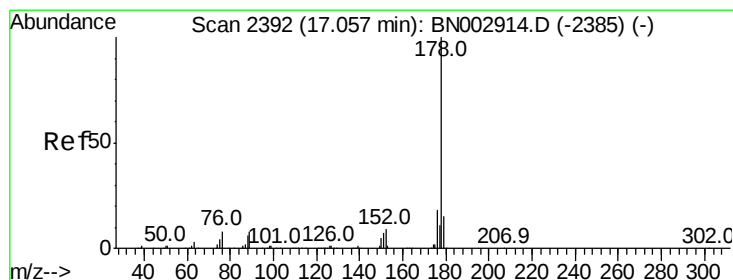
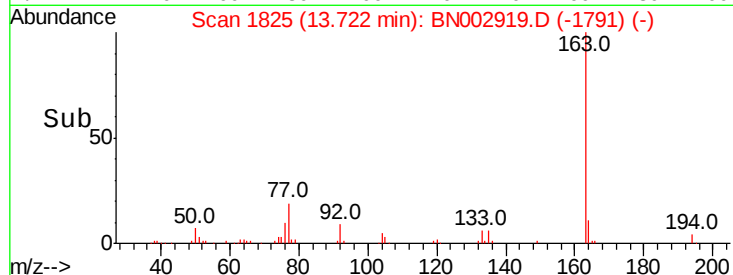
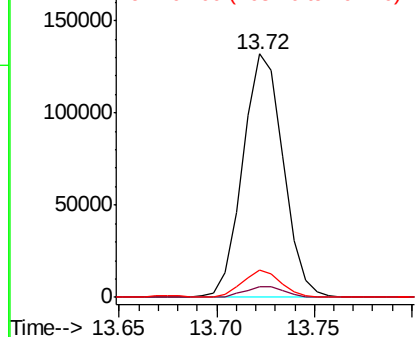
163 100

194 4.3 3.5 5.3

164 11.3 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



#69

Phenanthrene

Concen: 2.488 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

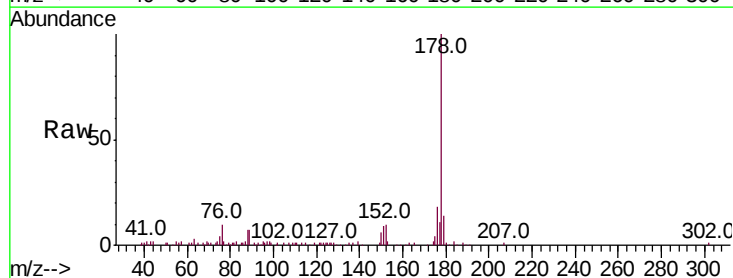
Tgt Ion:178 Resp: 111809

Ion Ratio Lower Upper

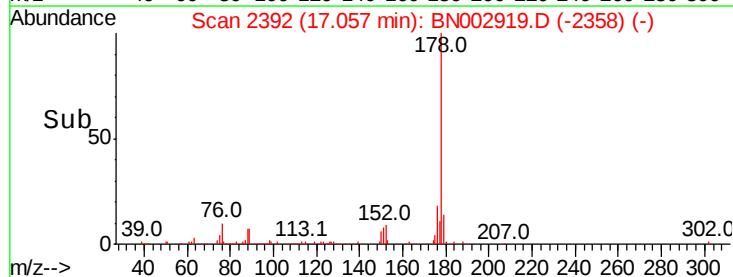
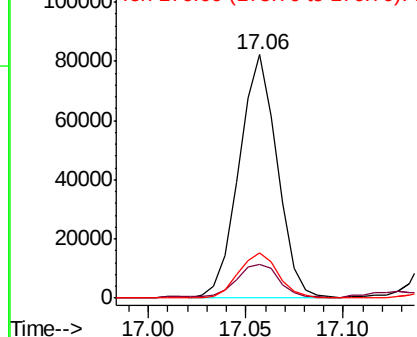
178 100

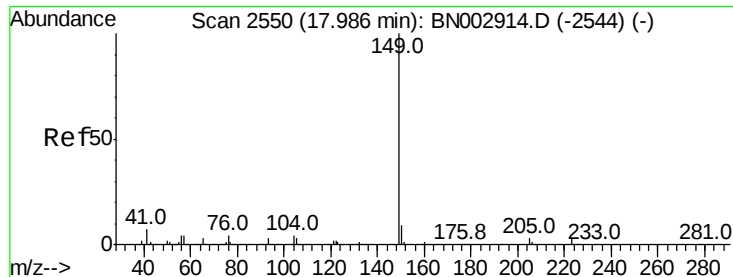
179 13.8 12.2 18.4

176 18.4 15.0 22.6



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

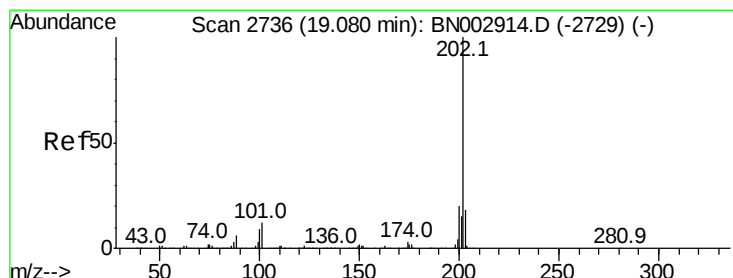
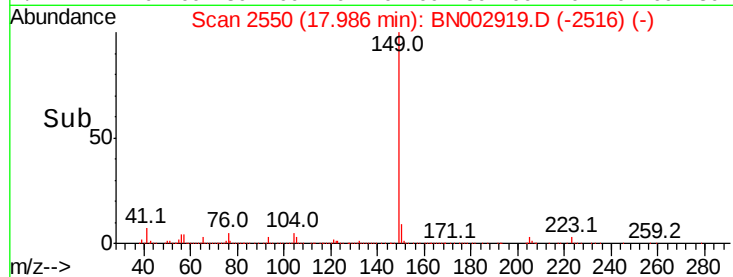
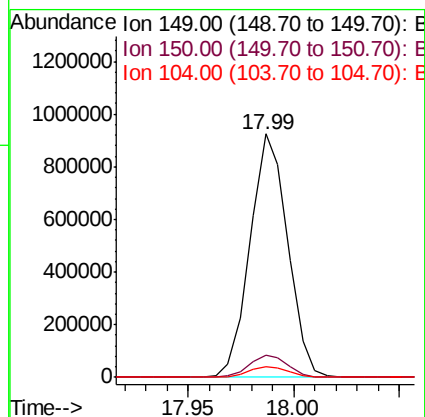
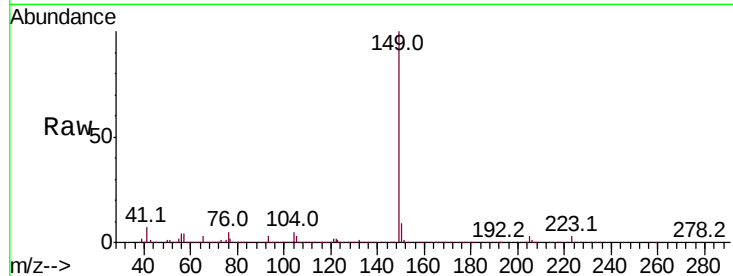




#75
Di-n-butylphthalate
Concen: 24.380 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. 0.00 min
Lab File: BN002919.D
Acq: 04 Oct 2018 02:04

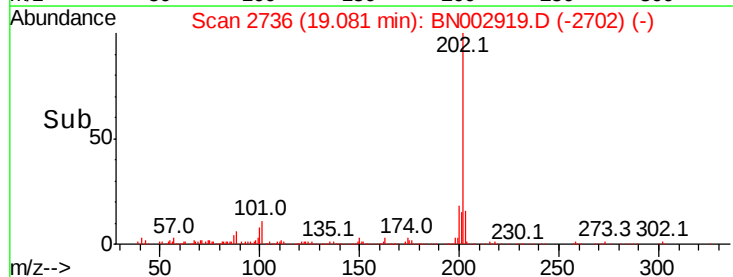
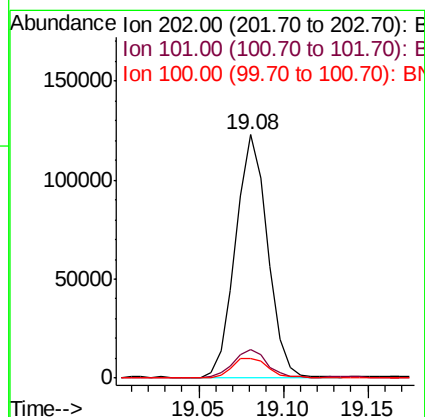
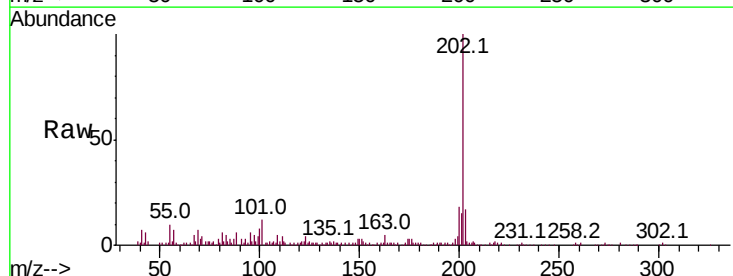
Instrument :
BNA_N
ClientSampleId :

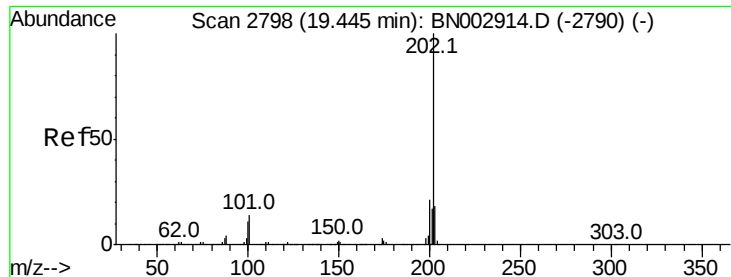
Tot Ion:149 Resp: 1143696
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.7 5.5



#76
Fluoranthene
Concen: 3.410 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BN002919.D
Acq: 04 Oct 2018 02:04

Tgt Ion:202 Resp: 163453
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 8.3 7.0 10.6





#79

Pvrene

Concen: 4.159 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

Instrument :

BNA_N

ClientSampleId :

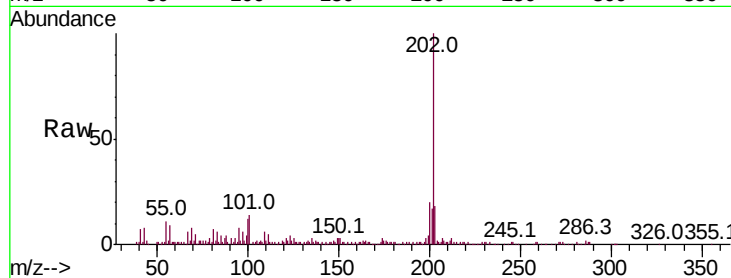
Tot Ion:202 Resp: 162666

Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

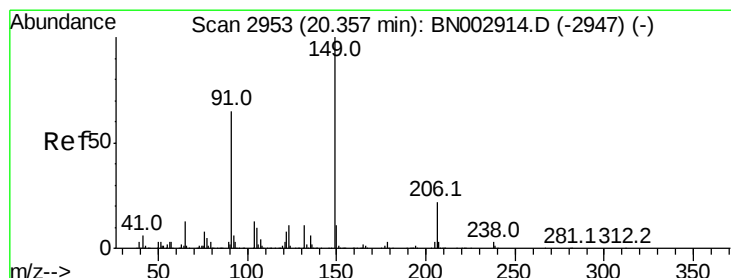
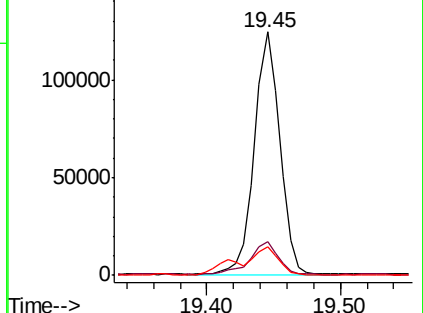
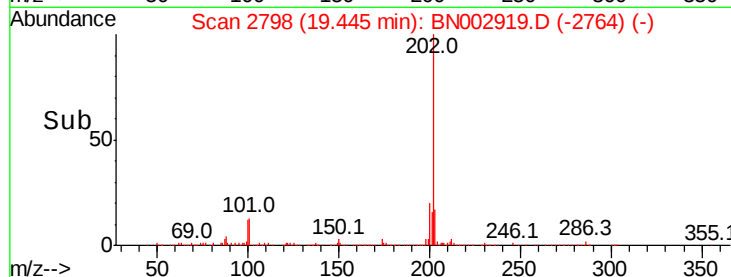
100 11.8 8.2 12.2



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: 112.196 ng/ul

RT: 20.36 min Scan# 2954

Delta R.T. 0.01 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

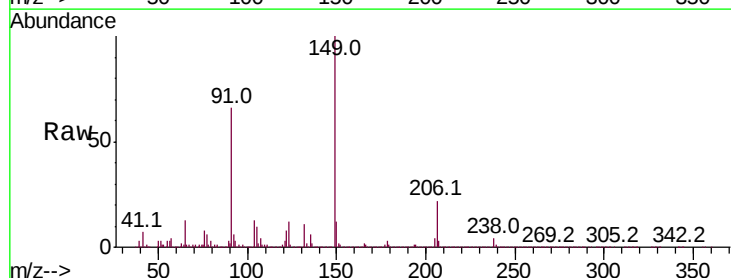
Tgt Ion:149 Resp: 1826197

Ion Ratio Lower Upper

149 100

91 66.1 56.3 84.5

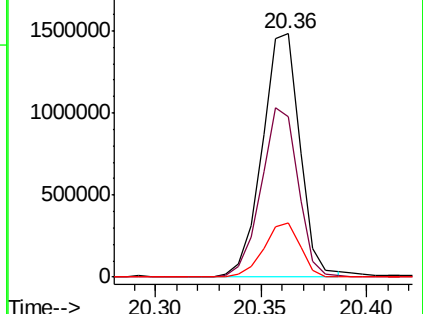
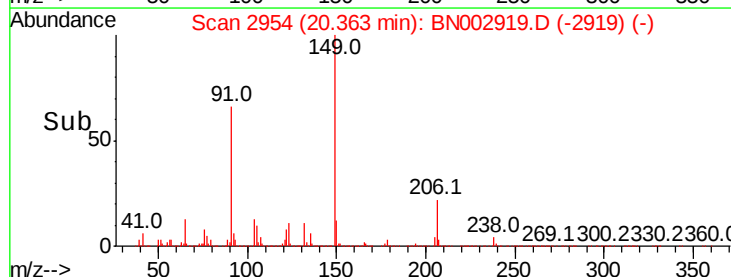
206 22.3 16.8 25.2

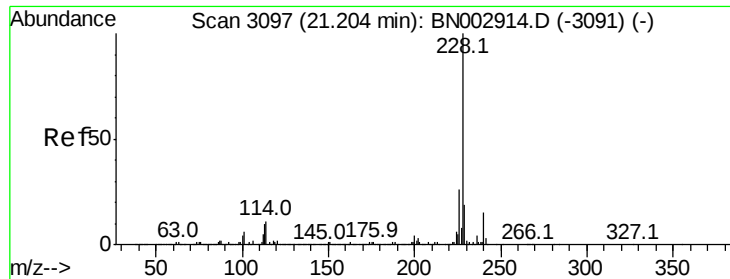


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E

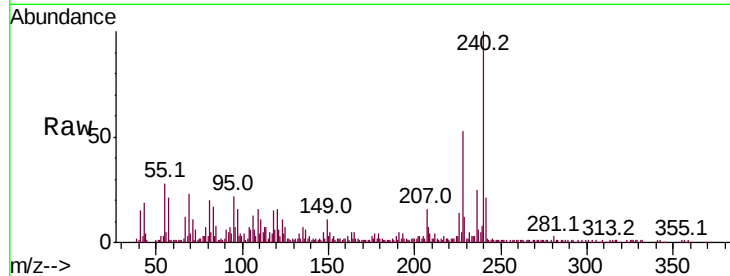




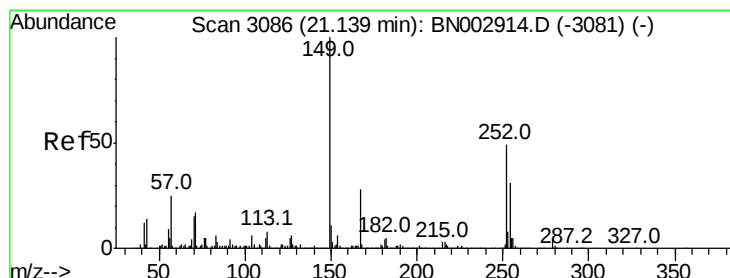
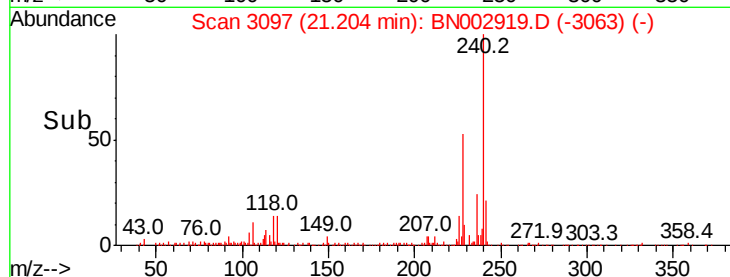
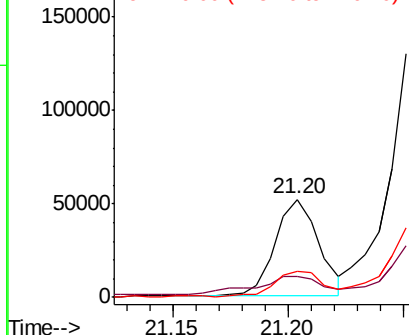
#82
Benzo(a)anthracene
Concen: 1.857 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN002919.D
Acq: 04 Oct 2018 02:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 68342
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 26.8 20.9 31.3

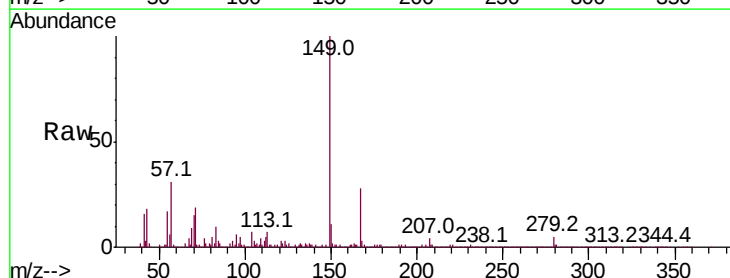


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

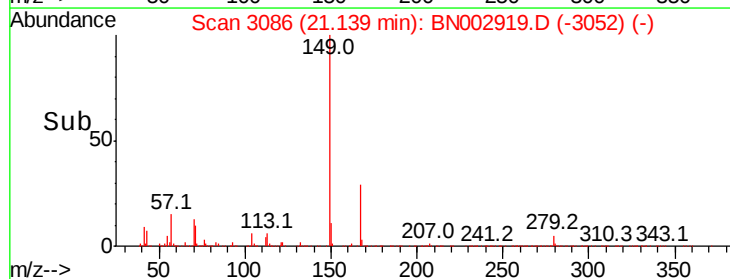
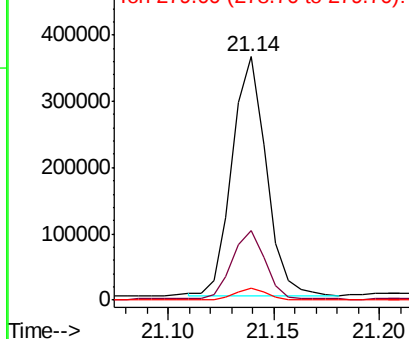


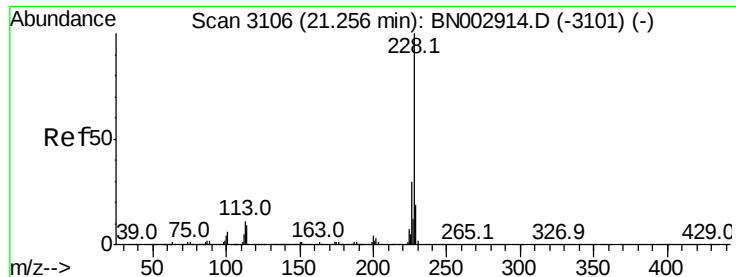
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.955 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BN002919.D
Acq: 04 Oct 2018 02:04

Tgt Ion:149 Resp: 400642
Ion Ratio Lower Upper
149 100
167 28.3 22.0 33.0
279 4.7 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: 5.796 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

Instrument :

BNA_N

ClientSampleId :

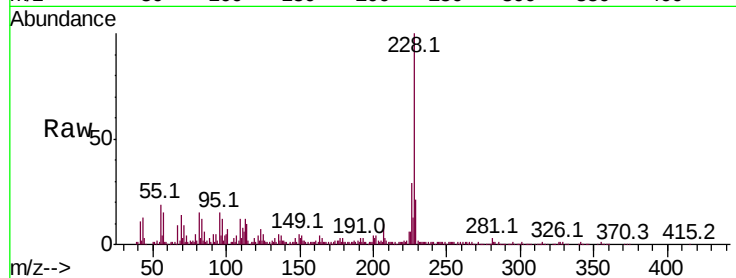
Tot Ion:228 Resp: 199951

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

229 21.0 15.7 23.5

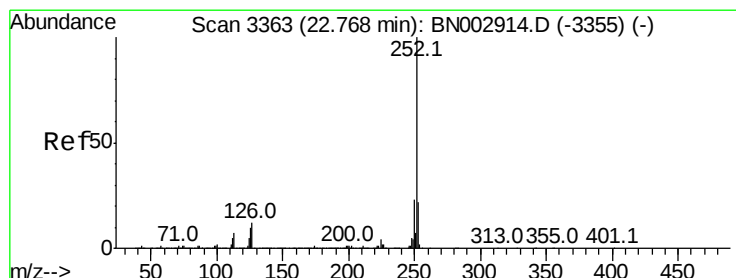
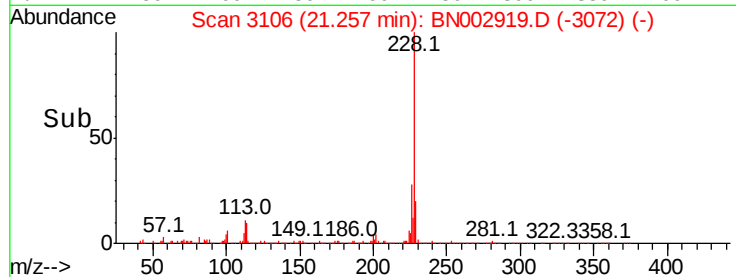
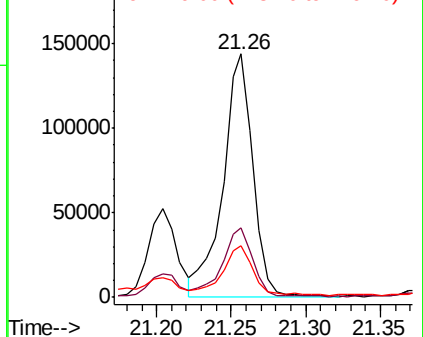


Abundance

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: 5.061 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

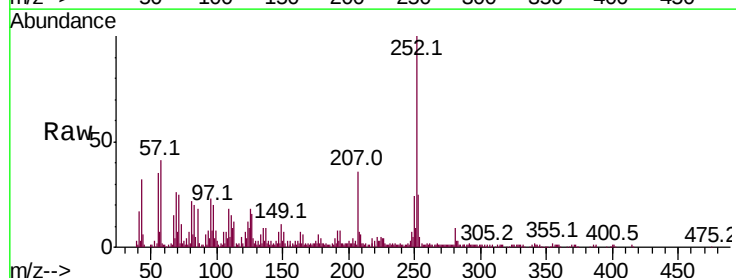
Tgt Ion:252 Resp: 169326

Ion Ratio Lower Upper

252 100

253 24.8 17.0 25.4

125 18.1 8.0 12.0#

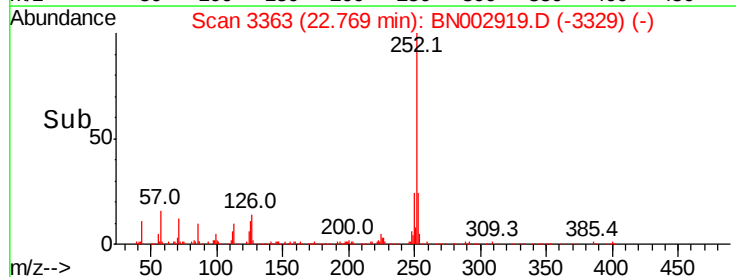
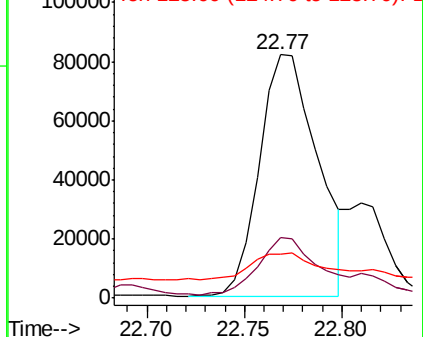


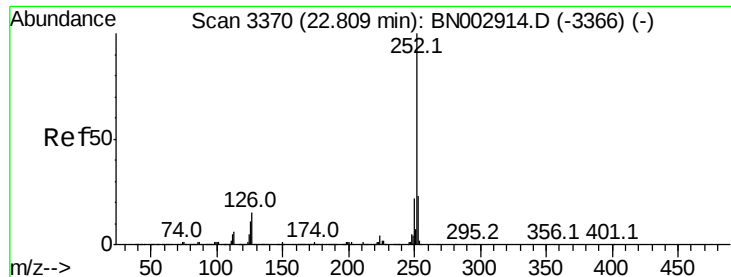
Abundance

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(k)fluoranthene

Concen: 5.425 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

Instrument :

BNA_N

ClientSampled :

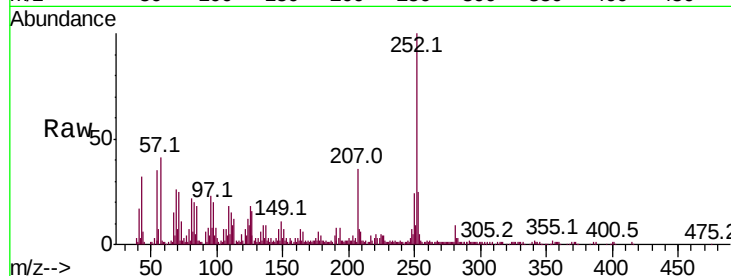
Tot Ion:252 Resp: 169326

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

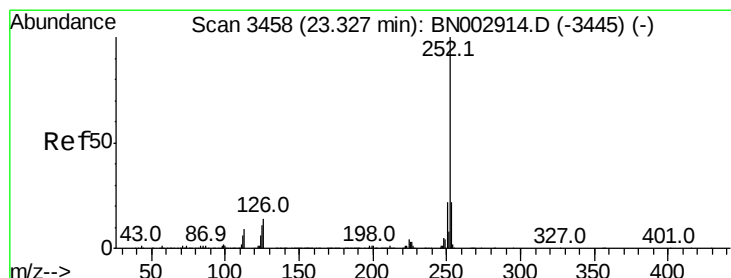
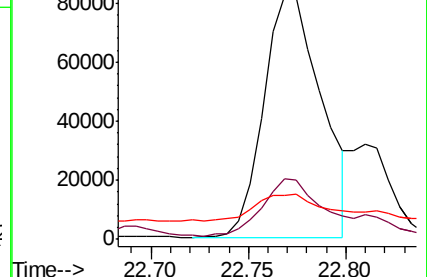
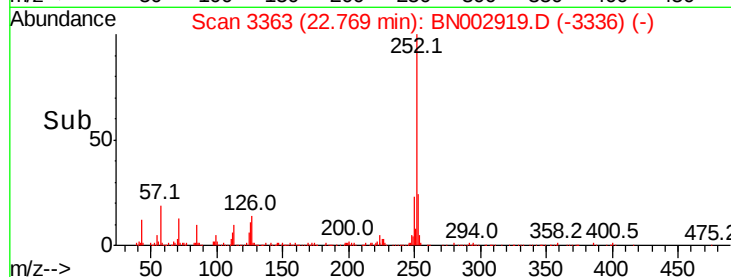
125 18.1 8.3 12.5#



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: 1.677 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN002919.D

Acq: 04 Oct 2018 02:04

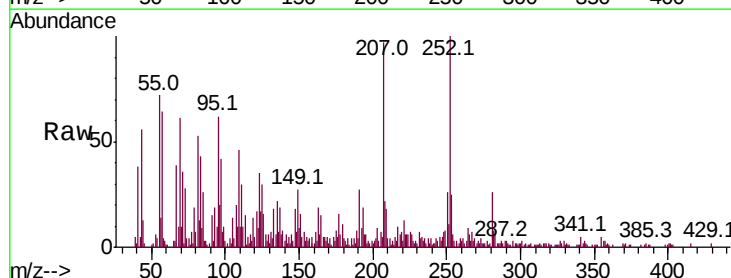
Tgt Ion:252 Resp: 53041

Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

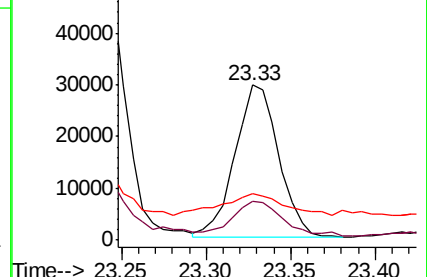
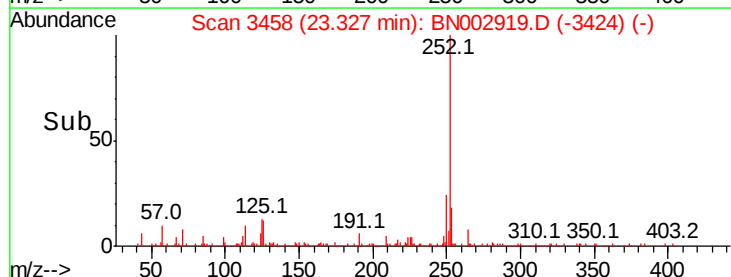
125 30.2 8.8 13.2#

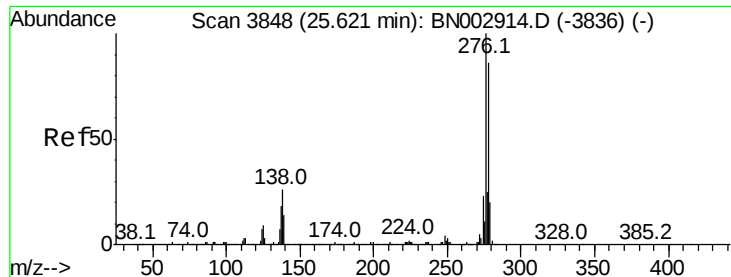


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

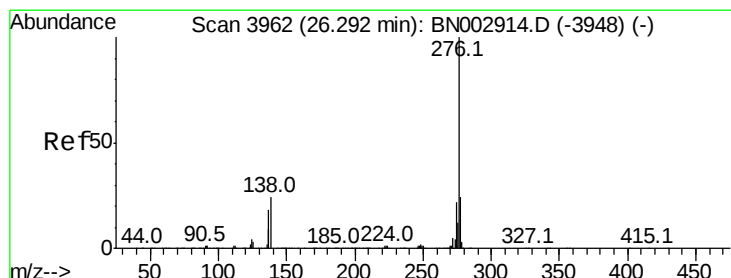
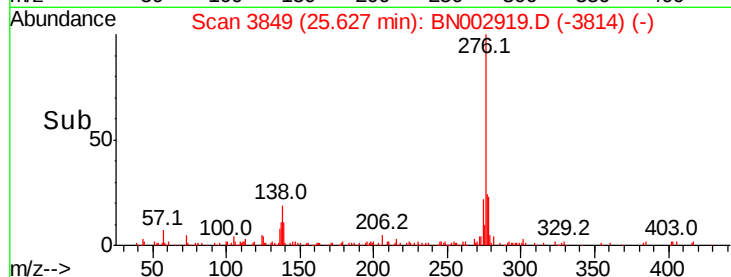
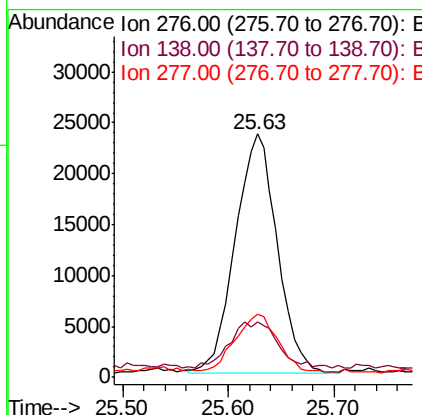
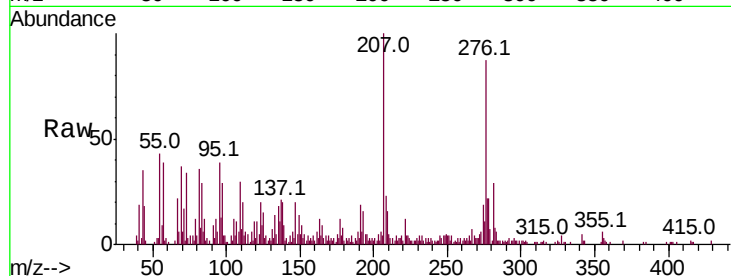




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.724 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. 0.01 min
 Lab File: BN002919.D
 Acq: 04 Oct 2018 02:04

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.4
277	25.7	20.0	30.0



#93
 Benzo(g,h,i)perylene
 Concen: 2.388 ng/ul
 RT: 26.30 min Scan# 3963
 Delta R.T. 0.01 min
 Lab File: BN002919.D
 Acq: 04 Oct 2018 02:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.2	27.2
277	28.3	18.6	28.0#

