

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005233.D
 Acq On : 24 Apr 2019 02:31
 Operator : JU/SJ
 Sample : K2403-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5101

Quant Time: Apr 24 08:54:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	438841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1803290	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	991703	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1953007	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1523256	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1678220	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	68986	7.59	ng/uL	0.00
5) Phenol-d5	6.78	99	923693	26.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	572996	26.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	748488	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	692501	25.70	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	360043	32.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	387169	34.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	730760	28.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	641038	24.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	2198128	30.53	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2626009	29.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	262052	23.05	ng/ul	0.00
57) Fluorene-d10	15.23	176	1753222	29.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.30	200	2100	0.24	ng/ul	-0.05
70) Anthracene-d10	17.09	188	2465510	30.11	ng/ul	0.00
78) Pyrene-d10	19.40	212	2429539	31.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	2172788	29.63	ng/ul	0.00

Target Compounds

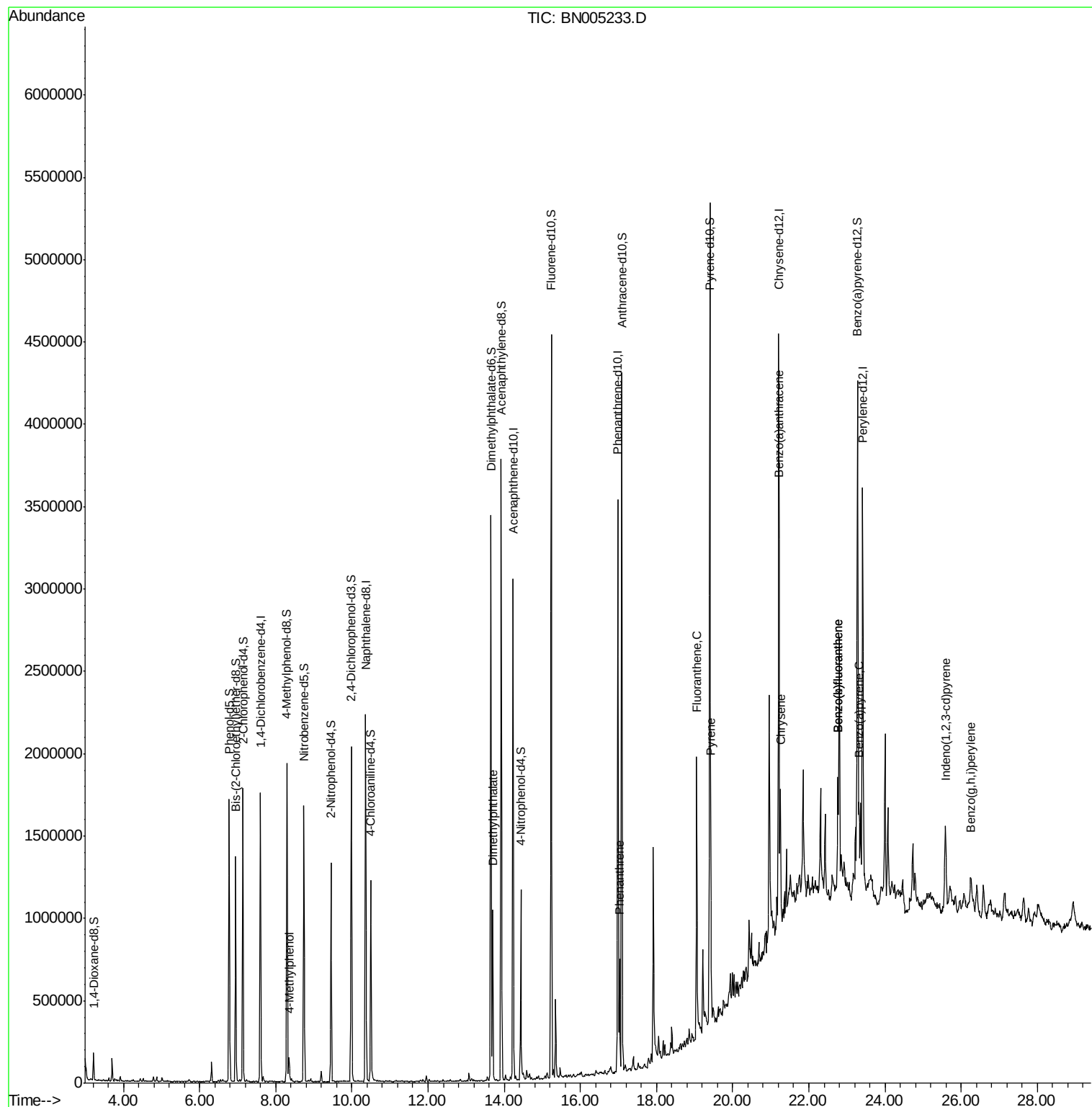
					Qvalue
16) 4-Methylphenol	8.35	108	47349	1.650	ng/ul 80
44) Dimethylphthalate	13.70	163	644867	8.990	ng/ul 100
69) Phenanthrene	17.03	178	399008	4.195	ng/ul 99
76) Fluoranthene	19.06	202	976916	9.260	ng/ul 98
79) Pyrene	19.42	202	772790	7.879	ng/ul 99
82) Benzo(a)anthracene	21.20	228	347806	3.670	ng/ul 96
84) Chrysene	21.25	228	458085	5.209	ng/ul 97
87) Benzo(b)fluoranthene	22.76	252	606032	6.424	ng/ul 97
88) Benzo(k)fluoranthene	22.76	252	606032	6.726	ng/ul# 95
90) Benzo(a)pyrene	23.32	252	360108	4.061	ng/ul 95
91) Indeno(1,2,3-cd)pyrene	25.59	276	263336	2.686	ng/ul# 91
93) Benzo(g,h,i)perylene	26.25	276	201422	2.485	ng/ul# 93

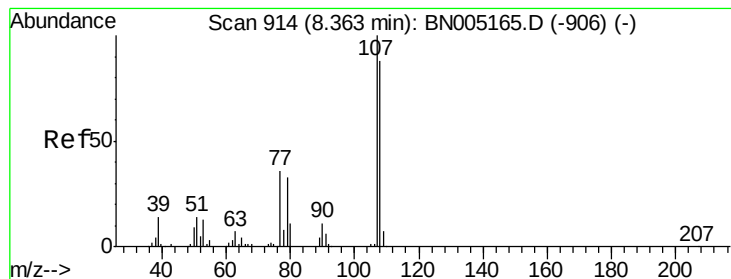
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

4-Methylphenol

Concen: 1.650 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

Instrument :

BNA_N

ClientSampleId :

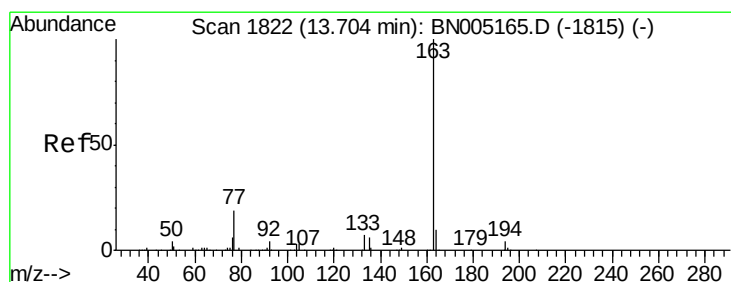
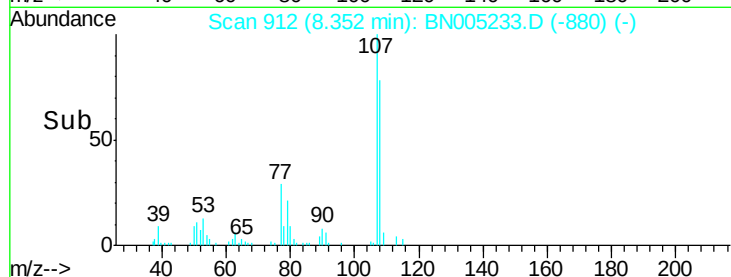
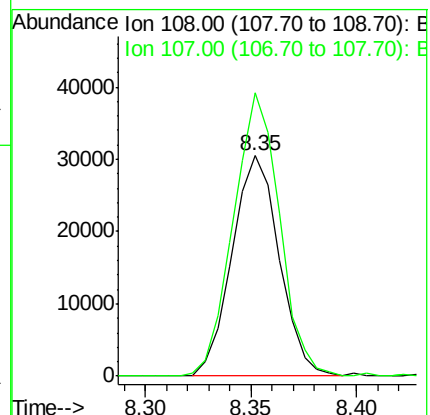
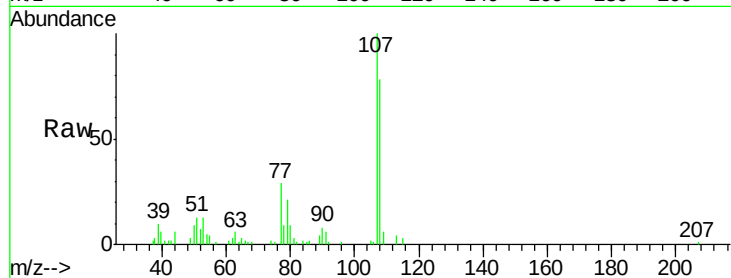
A5101

Tgt Ion:108 Resp: 47349

Ion Ratio Lower Upper

108 100

107 128.6 86.1 129.1



#44

Dimethylphthalate

Concen: 8.990 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

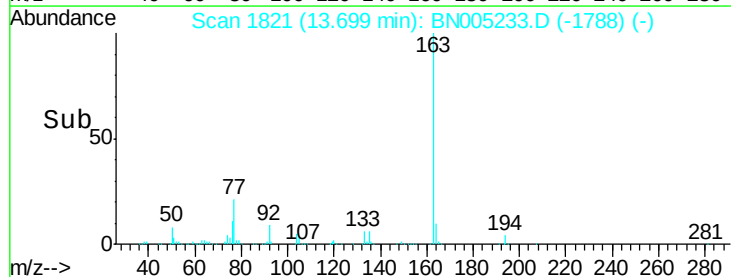
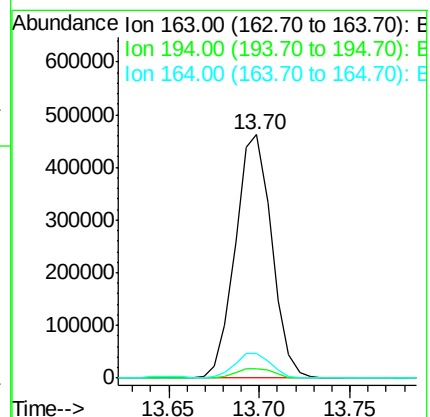
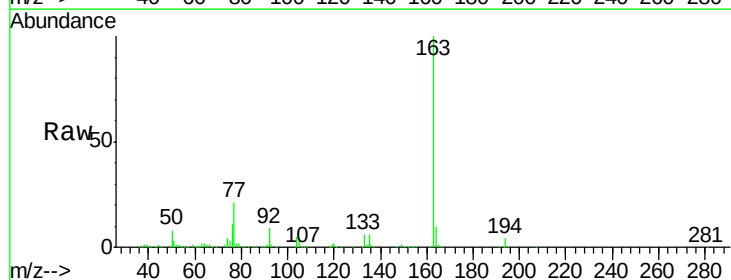
Tgt Ion:163 Resp: 644867

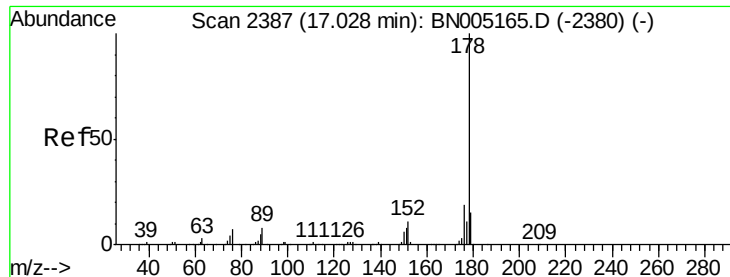
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.1 12.1





#69

Phenanthrene

Concen: 4.195 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

Instrument :

BNA_N

ClientSampleId :

A5101

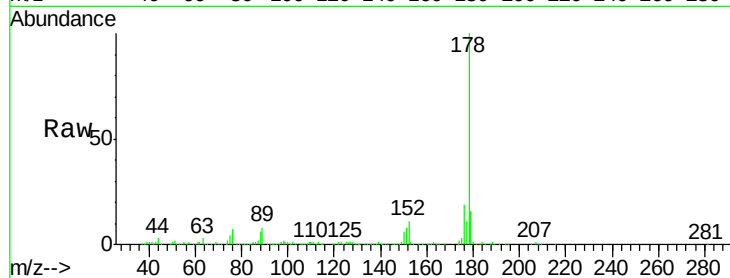
Tgt Ion:178 Resp: 399008

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

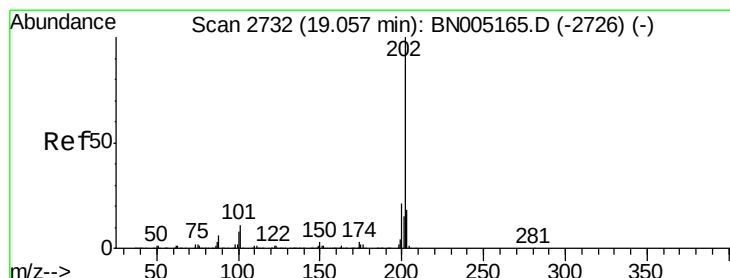
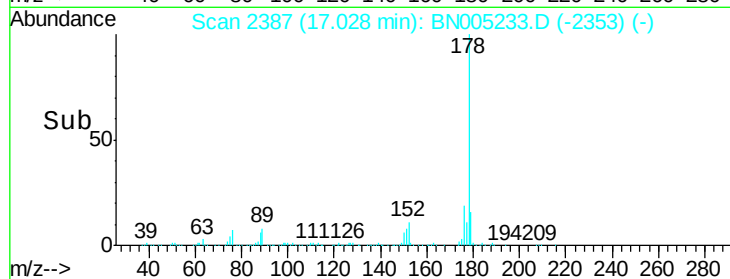
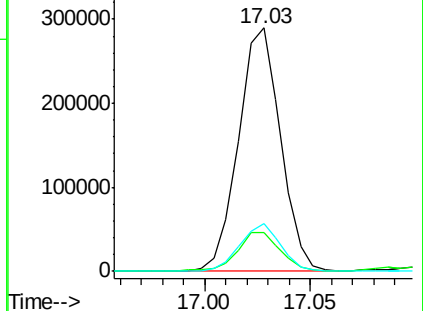
176 19.4 15.1 22.7



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: 9.260 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

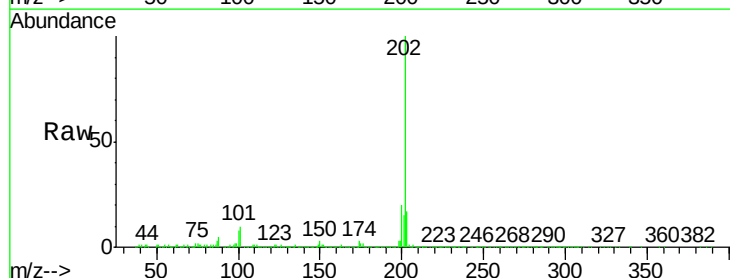
Tgt Ion:202 Resp: 976916

Ion Ratio Lower Upper

202 100

101 9.8 8.6 12.8

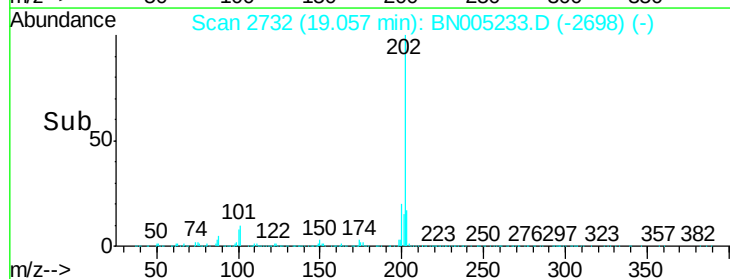
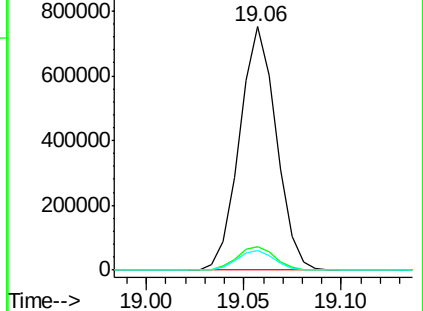
100 8.1 6.3 9.5

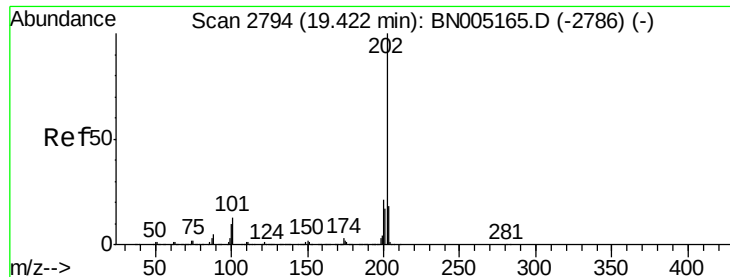


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 7.879 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

Instrument :

BNA_N

ClientSampleId :

A5101

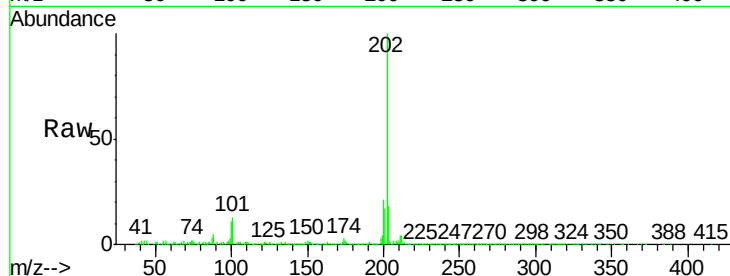
Tgt Ion:202 Resp: 772790

Ion Ratio Lower Upper

202 100

101 12.6 10.3 15.5

100 10.6 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

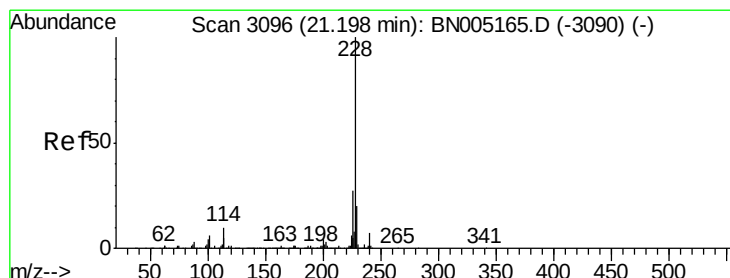
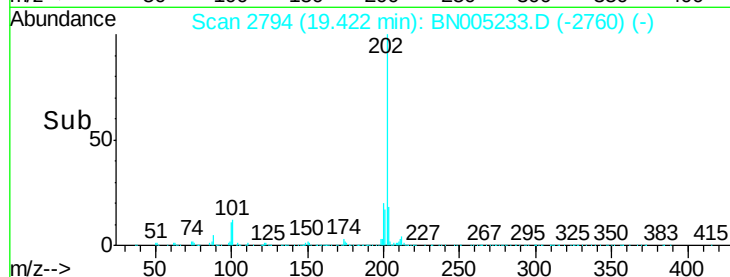
600000 19.42

400000

200000

0

Time-->



#82

Benzo(a)anthracene

Concen: 3.670 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

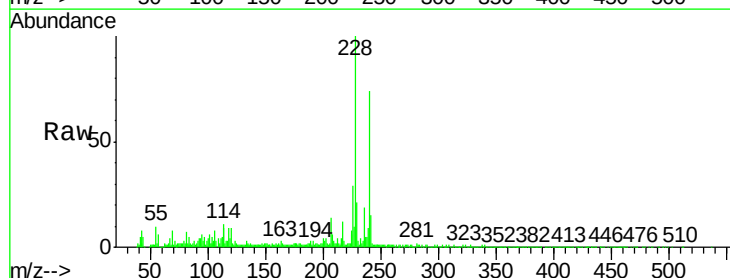
Tgt Ion:228 Resp: 347806

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

226 29.1 21.4 32.2



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

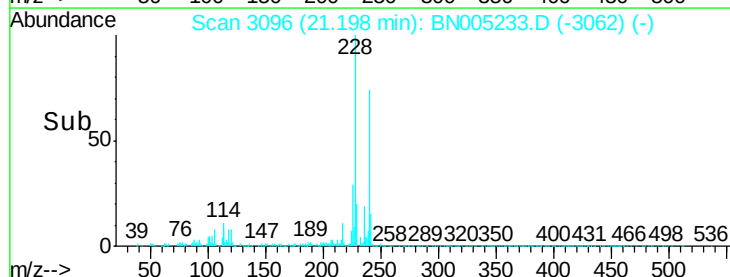
300000 21.20

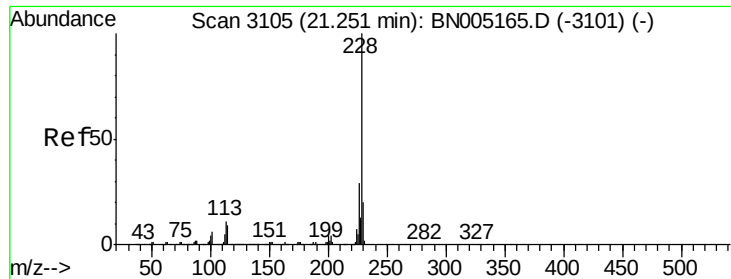
200000

100000

0

Time-->





#84

Chrysene

Concen: 5.209 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

Instrument :

BNA_N

ClientSampleId :

A5101

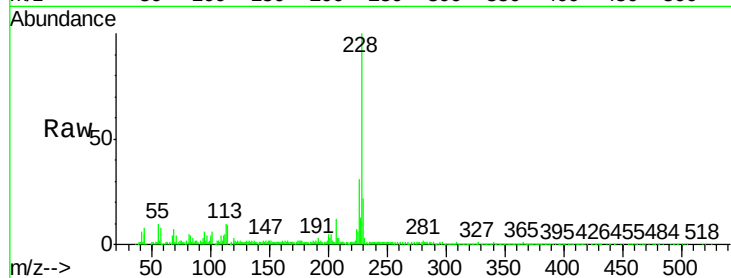
Tgt Ion:228 Resp: 458085

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

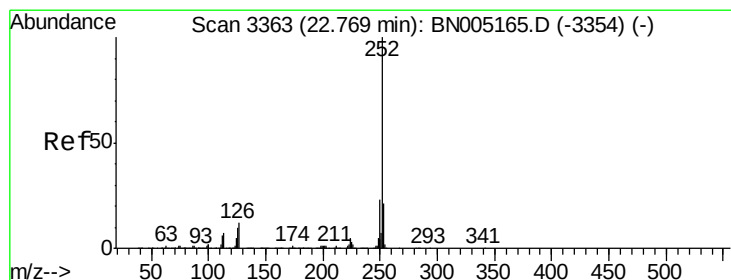
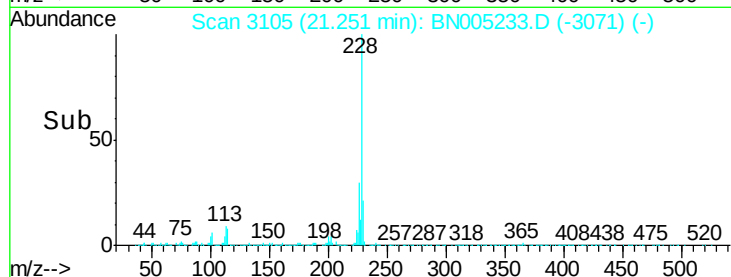
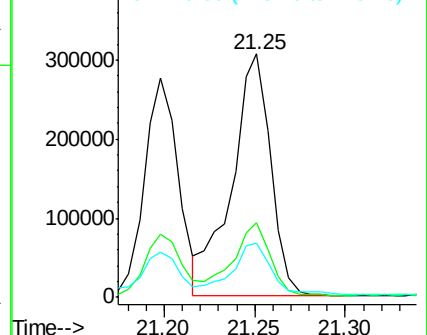
229 22.1 15.4 23.0



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: 6.424 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.01 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

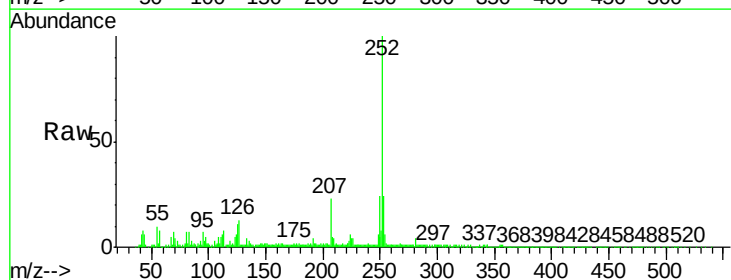
Tgt Ion:252 Resp: 606032

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

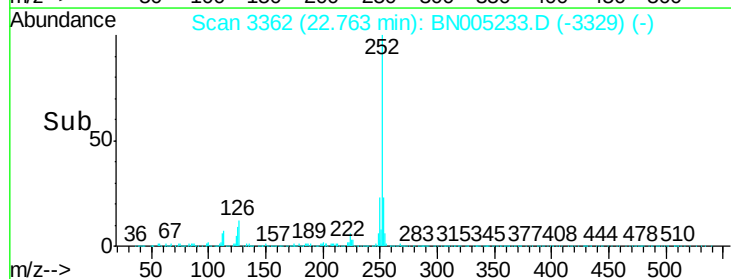
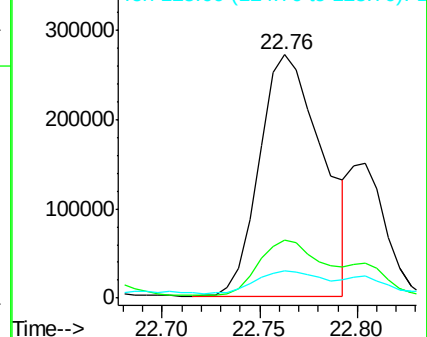
125 11.4 8.4 12.6

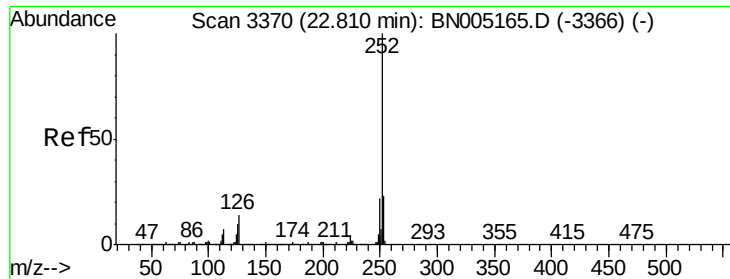


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 6.726 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

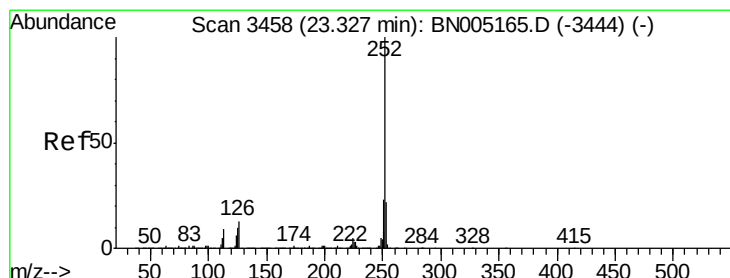
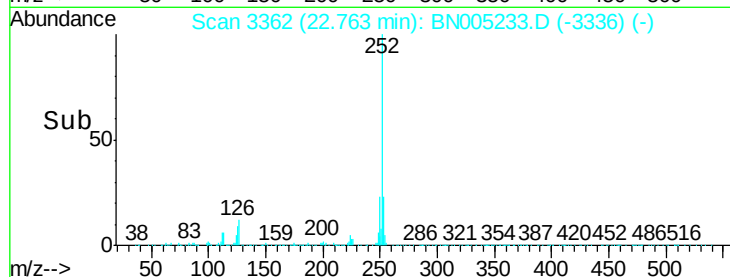
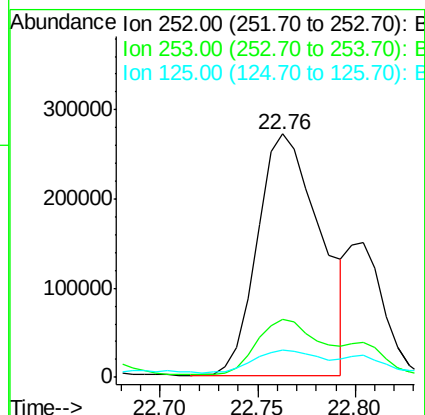
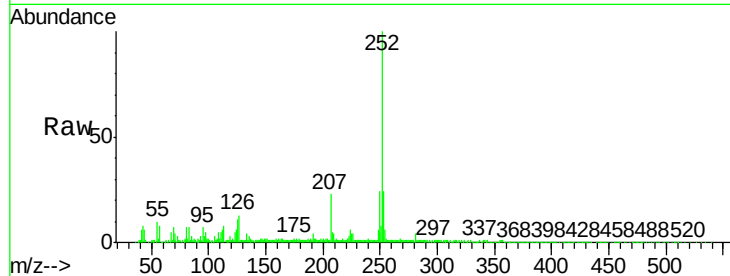
Instrument :

BNA_N

ClientSampleId :

A5101

Tgt Ion:	252	Resp:	606032
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	11.4	7.5	11.3#



#90

Benzo(a)pyrene

Concen: 4.061 ng/ul

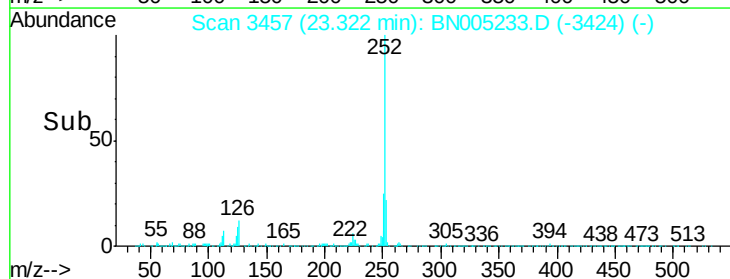
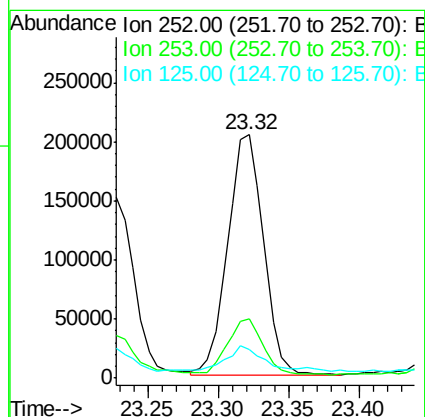
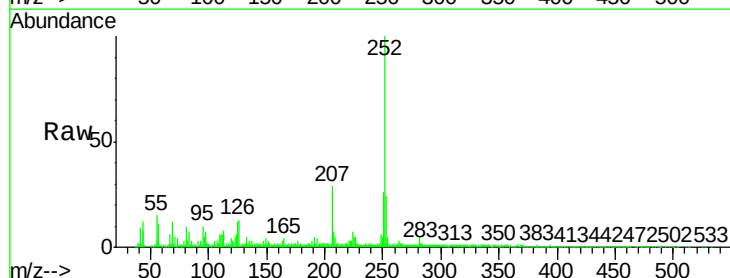
RT: 23.32 min Scan# 3457

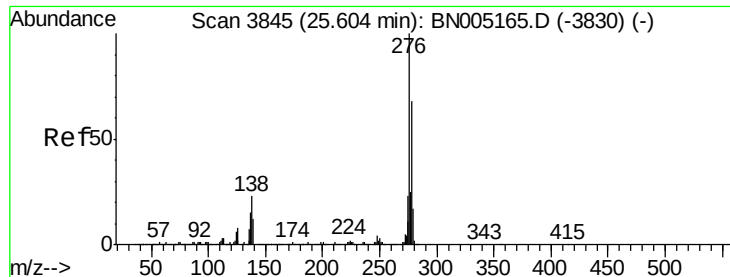
Delta R.T. -0.01 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

Tgt Ion:	252	Resp:	360108
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	11.8	8.6	13.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.686 ng/ul

RT: 25.59 min Scan# 3842

Delta R.T. -0.02 min

Lab File: BN005233.D

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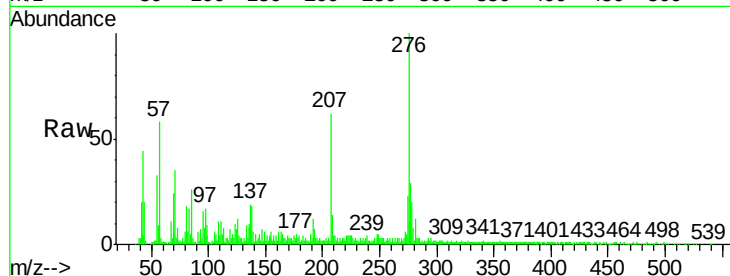
Tgt Ion:276 Resp: 263336

Ion Ratio Lower Upper

276 100

138 17.8 17.9 26.9#

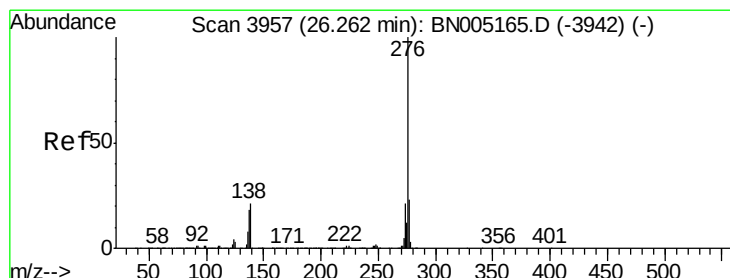
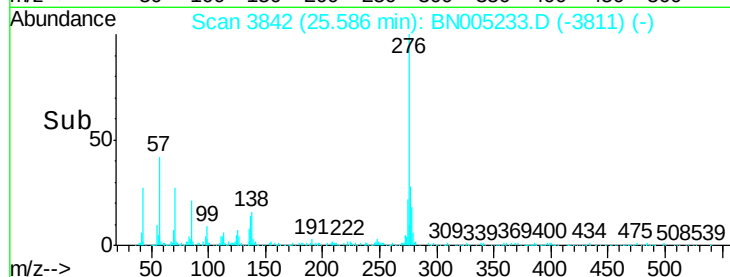
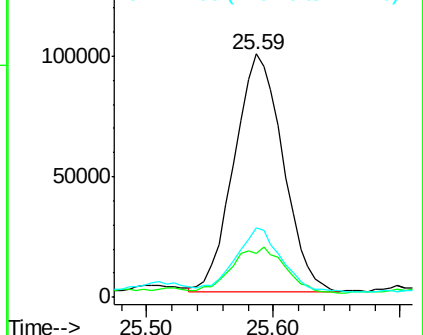
277 28.7 19.7 29.5



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



#93

Benzo(g,h,i)perylene

Concen: 2.485 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BN005233.D

Acq: 24 Apr 2019 02:31

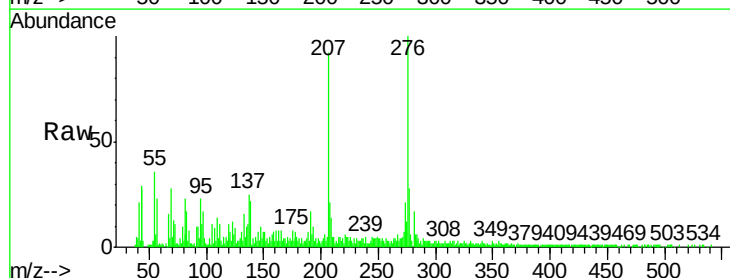
Tgt Ion:276 Resp: 201422

Ion Ratio Lower Upper

276 100

138 22.4 16.7 25.1

277 28.2 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

