

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
 Data File : BN000597.D
 Acq On : 24 Mar 2018 02:19
 Operator : JU/SJ
 Sample : J1951-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COATO

Quant Time: Mar 24 02:59:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 24 02:55:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	193909	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	816687	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	438607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	865437	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	617262	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	550209	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	17349	3.20	ng/uL	0.00
5) Phenol-d5	7.55	99	311490	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	196427	18.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	236630	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	9.11	113	233664	16.58	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	112873	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	117723	17.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.86	165	202360	16.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	279809	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	676661	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	837348	18.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	75325	11.71	ng/ul	0.00
57) Fluorene-d10	16.01	176	553548	18.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.12	200	53583	10.81	ng/ul	0.00
70) Anthracene-d10	17.85	188	786252	18.90	ng/ul	0.00
76) Pyrene-d10	20.11	212	759857	22.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	517436	19.93	ng/ul	0.00

Target Compounds

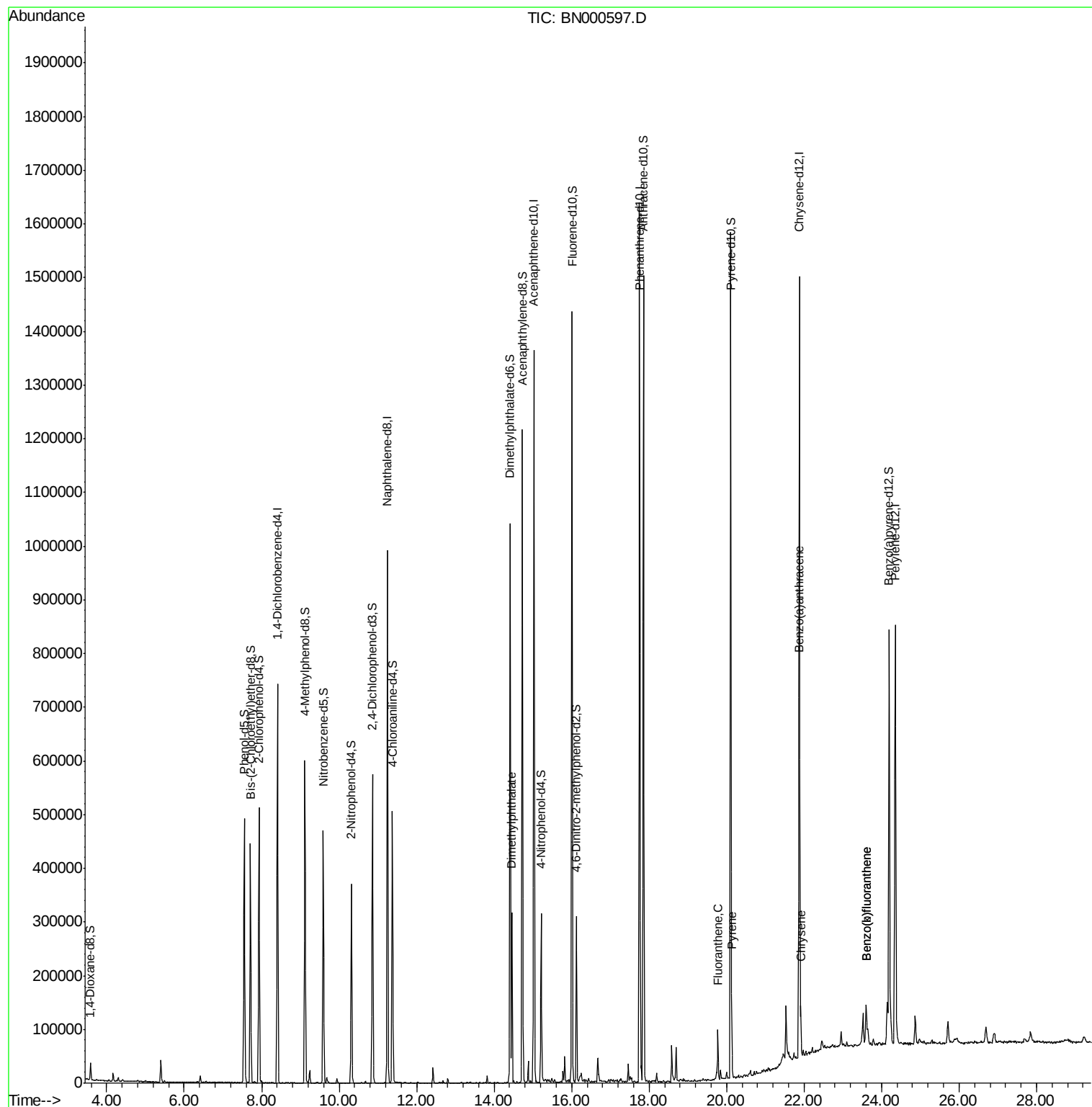
					Ovalue	
44) Dimethylphthalate	14.46	163	186650	5.446	ng/ul#	99
74) Fluoranthene	19.78	202	50350	1.016	ng/ul#	81
77) Pyrene	20.14	202	52286	1.160	ng/ul#	75
80) Benzo(a)anthracene	21.86	228	43242	1.051	ng/ul	99
82) Chrysene	21.92	228	50979	1.322	ng/ul	97
85) Benzo(b)fluoranthene	23.60	252	59785	1.720	ng/ul#	93
86) Benzo(k)fluoranthene	23.60	252	59785	1.781	ng/ul#	92

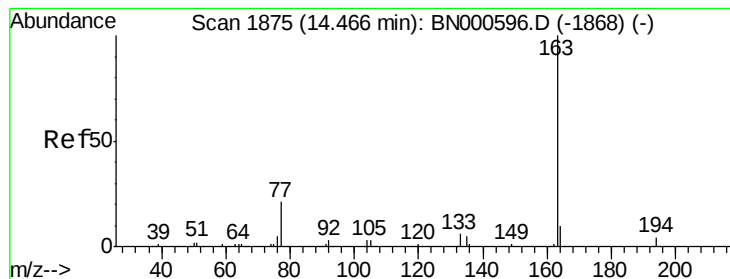
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 5.446 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

Instrument :

BNA_N

ClientSampleId :

COATO

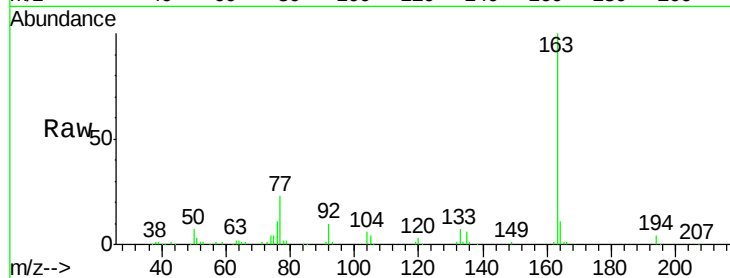
Tot Ion:163 Resp: 186650

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

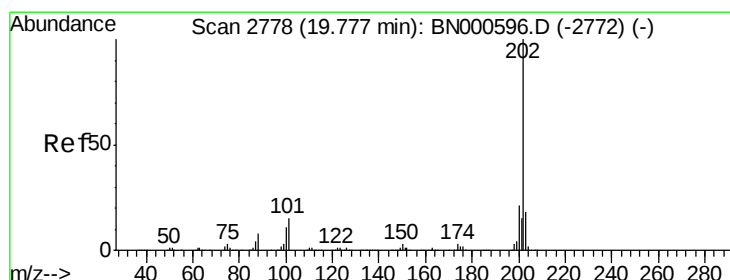
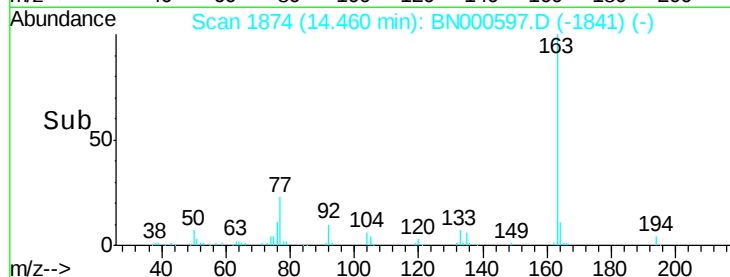
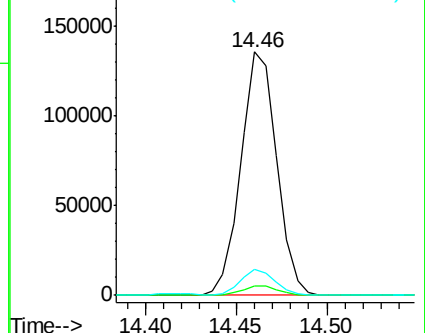
164 10.6 8.4 12.6



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



#74

Fluoranthene

Concen: 1.016 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

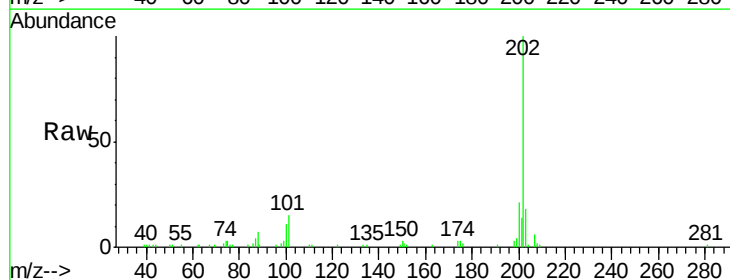
Tgt Ion:202 Resp: 50350

Ion Ratio Lower Upper

202 100

101 14.8 6.1 9.1#

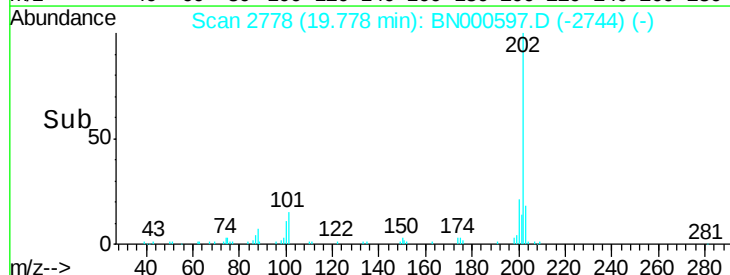
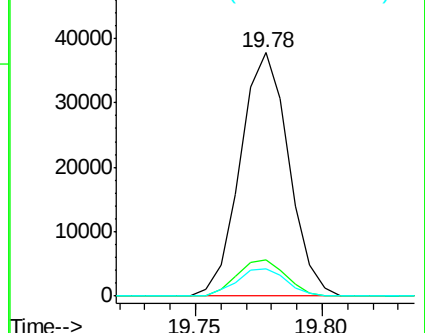
100 11.3 4.6 7.0#

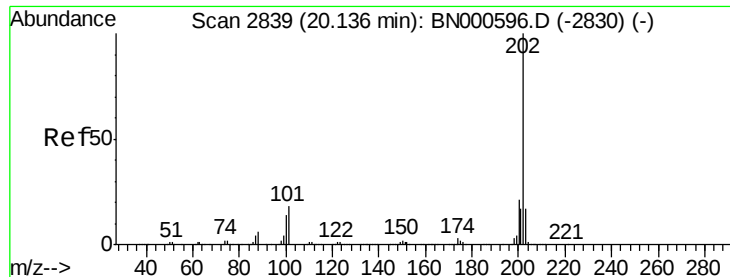


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.160 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

Instrument :

BNA_N

ClientSampleId :

COATO

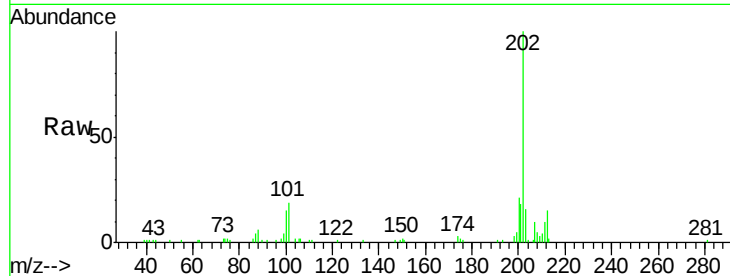
Tot Ion:202 Resp: 52286

Ion Ratio Lower Upper

202 100

101 18.6 6.9 10.3#

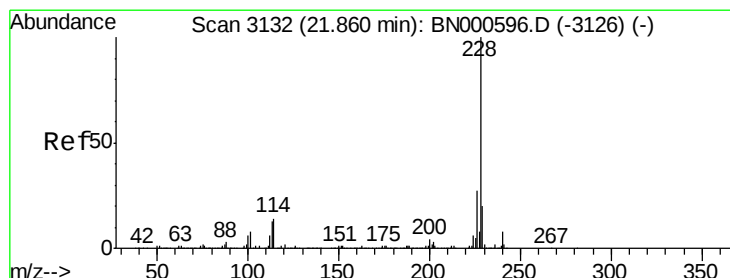
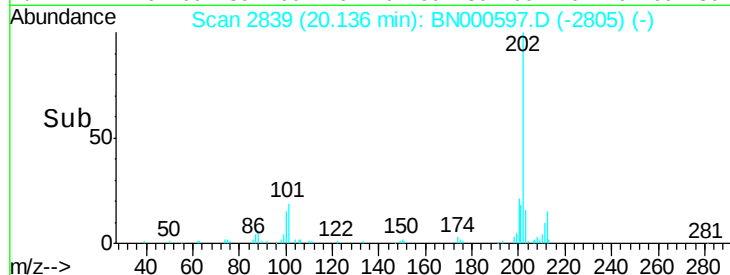
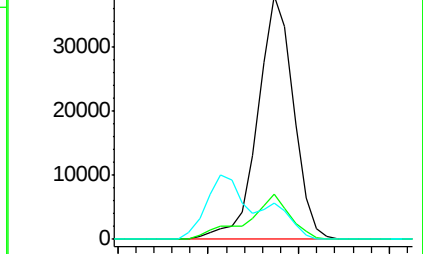
100 14.7 5.6 8.4#



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): E



#80

Benzo(a)anthracene

Concen: 1.051 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

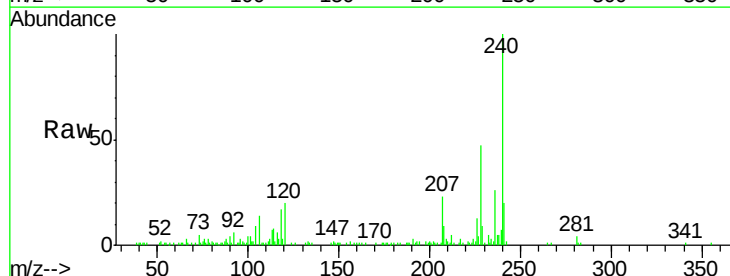
Tgt Ion:228 Resp: 43242

Ion Ratio Lower Upper

228 100

229 19.3 16.0 24.0

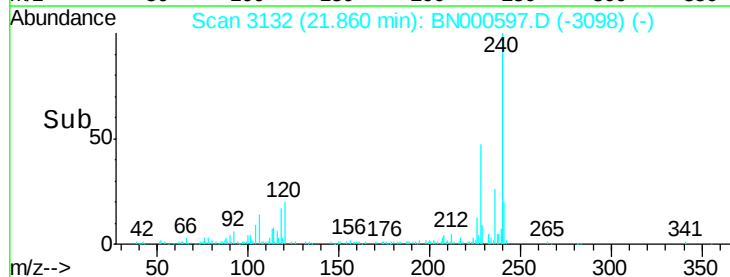
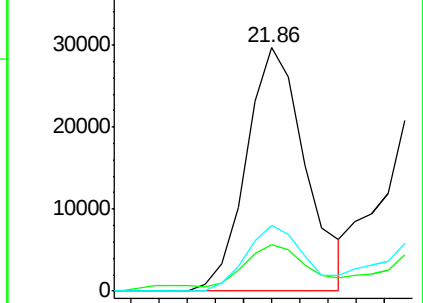
226 27.2 21.8 32.8

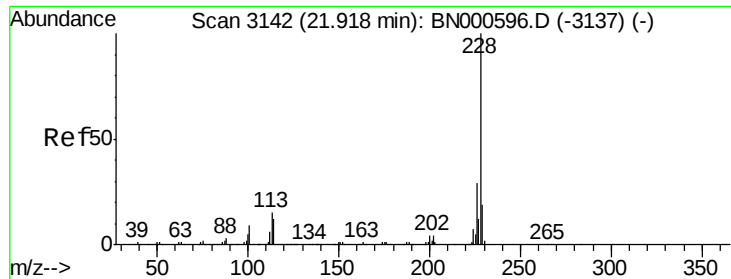


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.322 ng/ul

RT: 21.92 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

Instrument :

BNA_N

ClientSampleId :

COATO

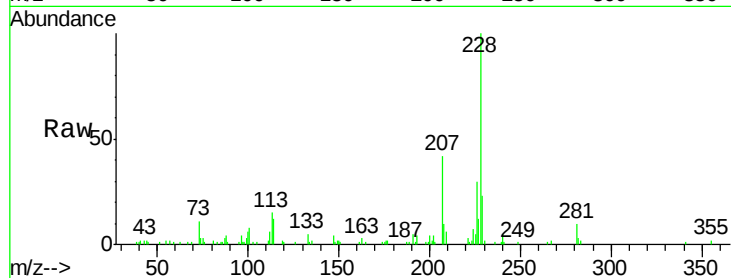
Tot Ion:228 Resp: 50979

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

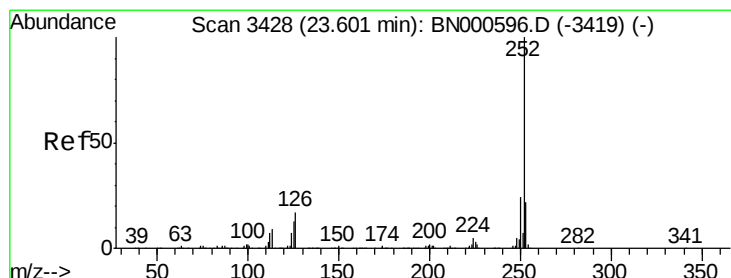
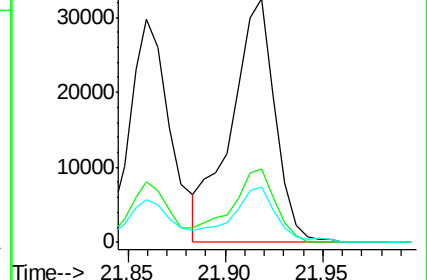
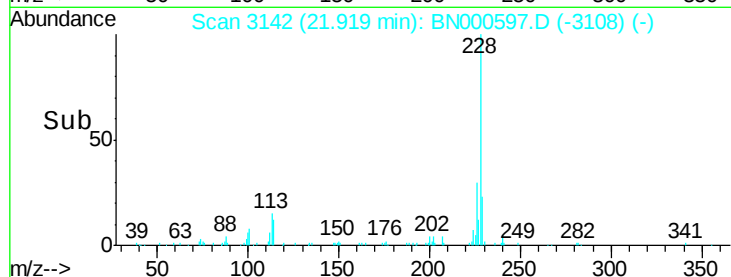
229 23.0 16.0 24.0



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



#85

Benzo(b)fluoranthene

Concen: 1.720 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

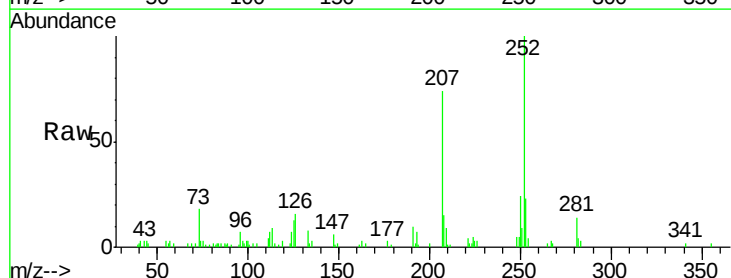
Tgt Ion:252 Resp: 59785

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

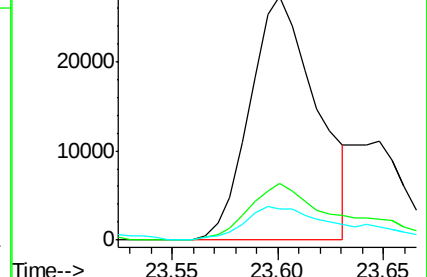
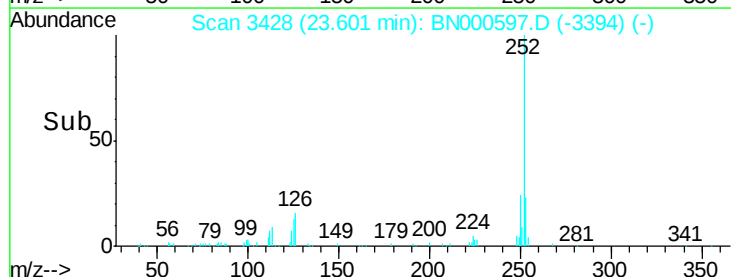
125 13.0 4.9 7.3#

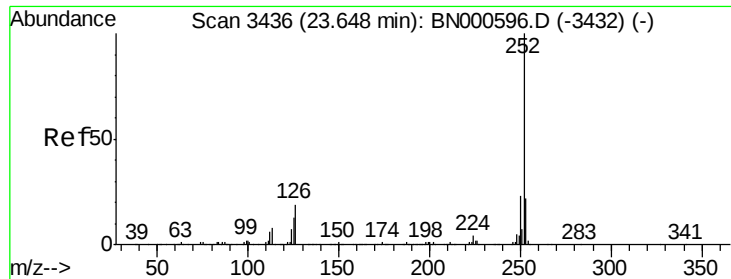


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.781 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. -0.05 min

Lab File: BN000597.D

Acq: 24 Mar 2018 02:19

Instrument :

BNA_N

ClientSampleId :

COAT0

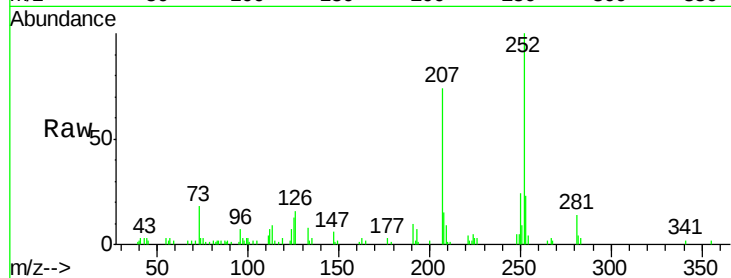
Tot Ion:252 Resp: 59785

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

125 13.0 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

