

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001984.D
 Acq On : 06 Jul 2018 11:41
 Operator : JU/SJ
 Sample : J3765-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 06 23:07:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	511209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2437558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1476103	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3276043	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3003401	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2574557	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	45855	3.90	ng/uL	0.00
5) Phenol-d5	6.88	99	1069514	23.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	647802	22.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	822870	22.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	892518	24.08	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	430827	23.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	482920	25.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	917378	22.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1146199	27.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2996165	24.04	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3642729	23.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	520556	22.67	ng/ul	0.00
57) Fluorene-d10	15.33	176	2588922	23.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	417502	23.40	ng/ul	0.00
70) Anthracene-d10	17.18	188	3940526	24.90	ng/ul	0.00
76) Pyrene-d10	19.48	212	4321740	28.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3693539	26.38	ng/ul	0.00

Target Compounds

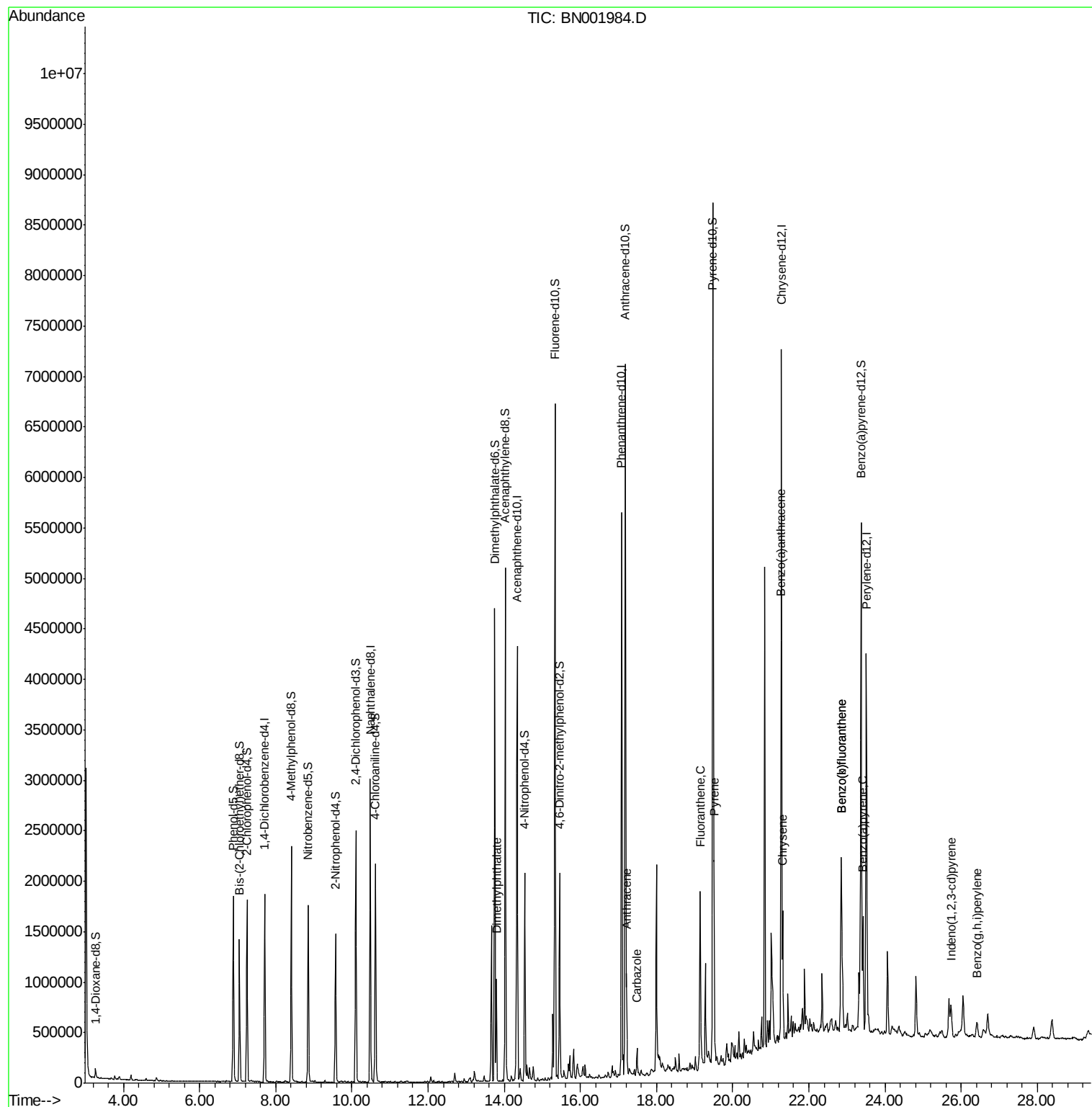
					Ovalue	
44) Dimethylphthalate	13.80	163	640437	5.227	ng/ul	99
71) Anthracene	17.22	178	593333	3.176	ng/ul	97
72) Carbazole	17.49	167	180535	1.154	ng/ul	97
74) Fluoranthene	19.15	202	993958	5.124	ng/ul#	90
77) Pyrene	19.51	202	1120952	5.964	ng/ul#	89
80) Benzo(a)anthracene	21.26	228	628156	3.309	ng/ul	98
82) Chrysene	21.32	228	796677	4.511	ng/ul	98
85) Benzo(b)fluoranthene	22.85	252	1113540	6.848	ng/ul#	96
86) Benzo(k)fluoranthene	22.85	252	1113540	7.062	ng/ul#	95
88) Benzo(a)pyrene	23.42	252	368238	2.423	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.73	276	266740	1.650	ng/ul#	87
91) Benzo(g,h,i)perylene	26.41	276	170645	1.279	ng/ul#	83

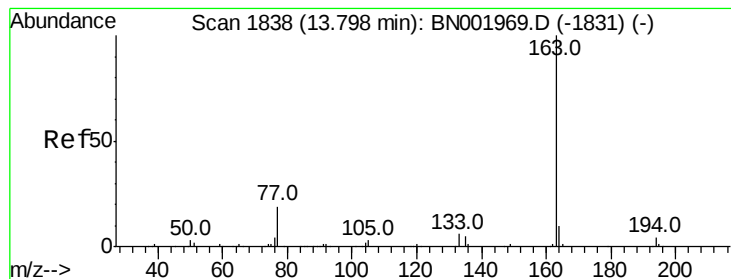
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.227 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

Instrument :

BNA_N

ClientSampleId :

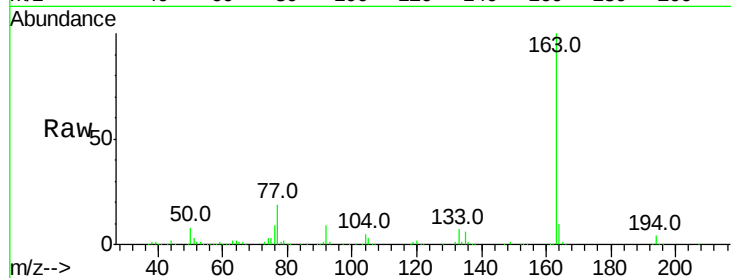
Tot Ion:163 Resp: 640437

Ion Ratio Lower Upper

163 100

194 4.4 4.0 6.0

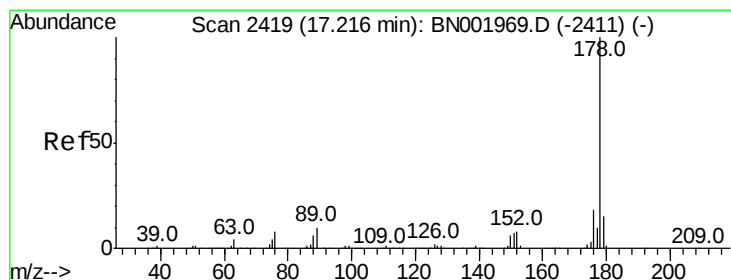
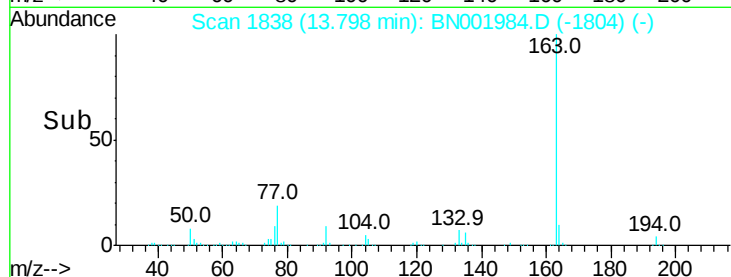
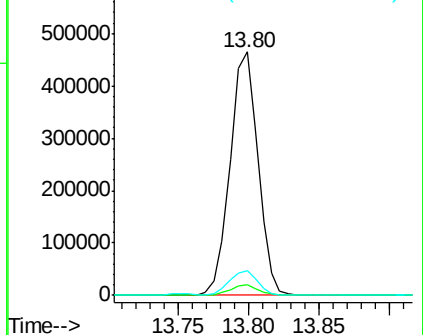
164 10.1 8.4 12.6



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



#71

Anthracene

Concen: 3.176 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

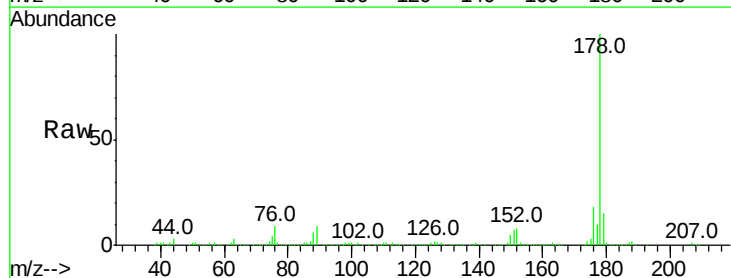
Tgt Ion:178 Resp: 593333

Ion Ratio Lower Upper

178 100

179 15.2 13.4 20.2

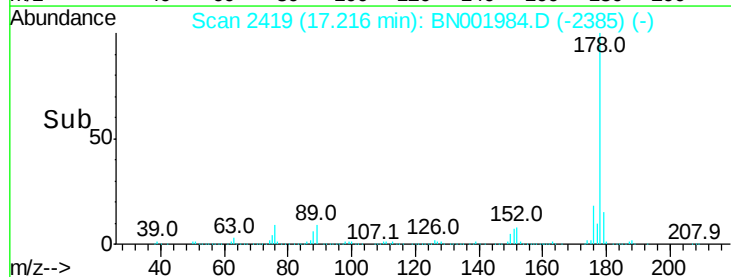
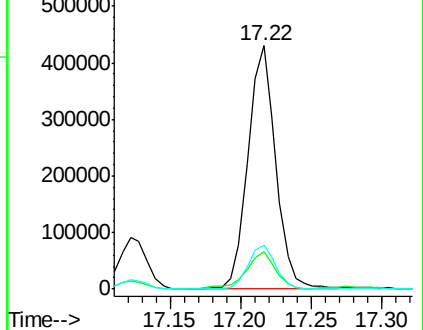
176 17.9 15.4 23.0

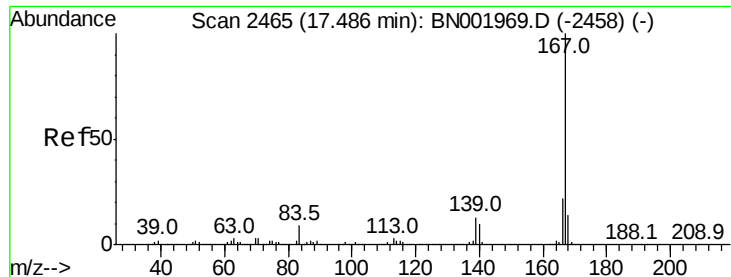


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.154 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

Instrument :

BNA_N

ClientSampleId :

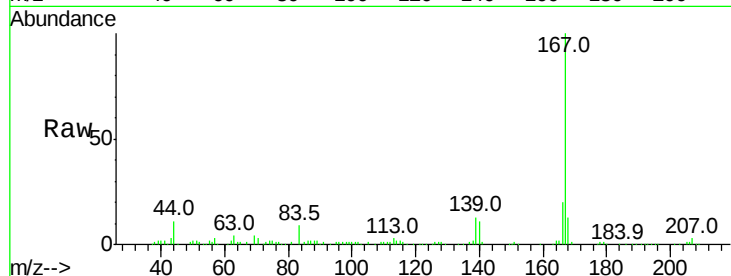
Tot Ion:167 Resp: 180535

Ion Ratio Lower Upper

167 100

166 20.3 17.0 25.4

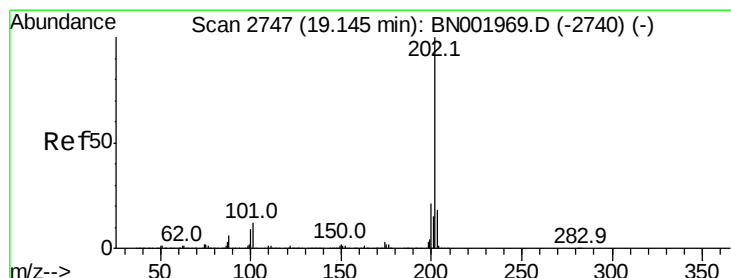
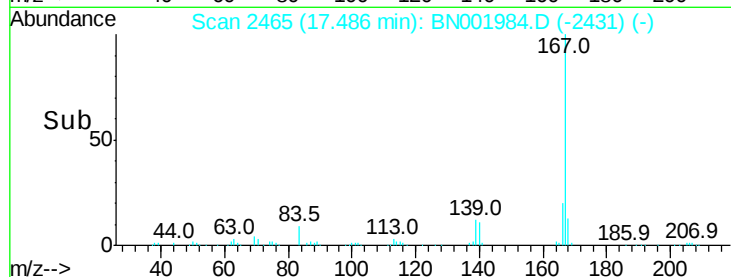
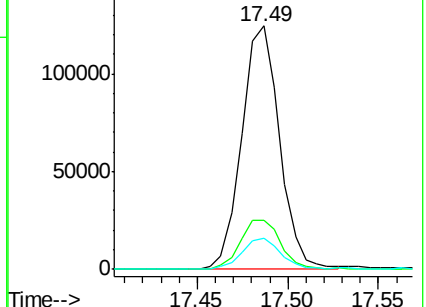
139 12.8 9.1 13.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 5.124 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

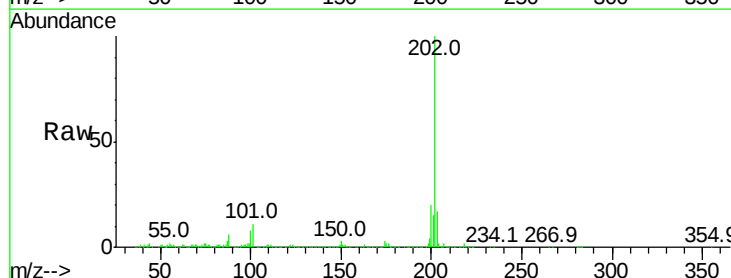
Tgt Ion:202 Resp: 993958

Ion Ratio Lower Upper

202 100

101 11.5 6.1 9.1#

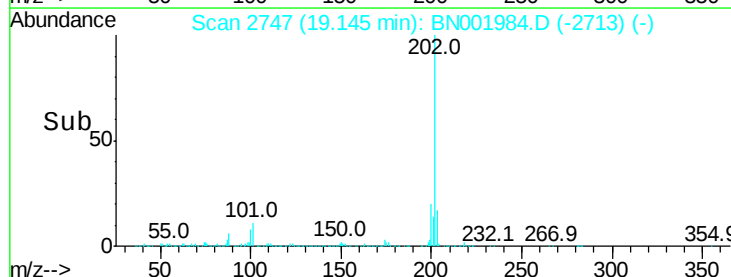
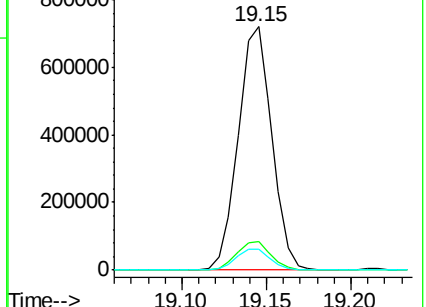
100 8.4 4.6 7.0#

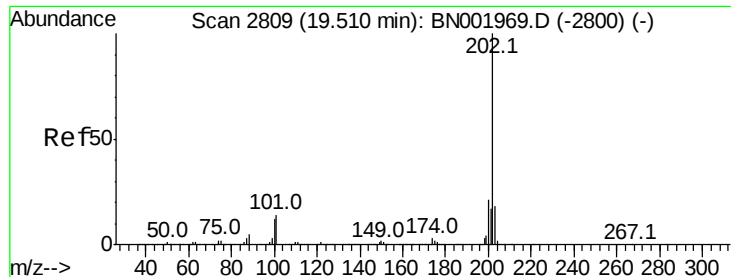


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 5.964 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

Instrument :

BNA_N

ClientSampleId :

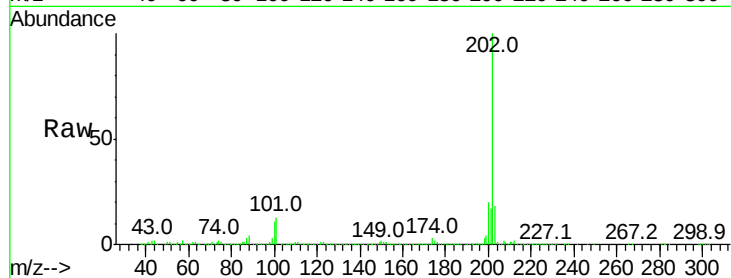
Tot Ion:202 Resp: 1120952

Ion Ratio Lower Upper

202 100

101 13.0 6.9 10.3#

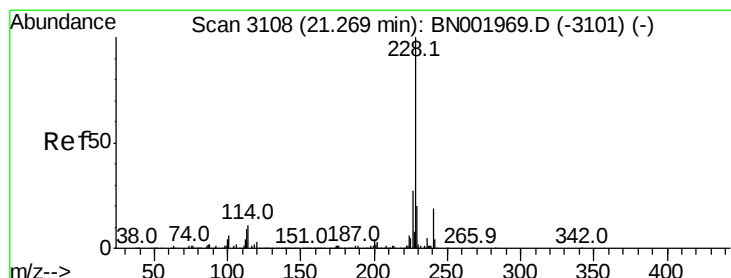
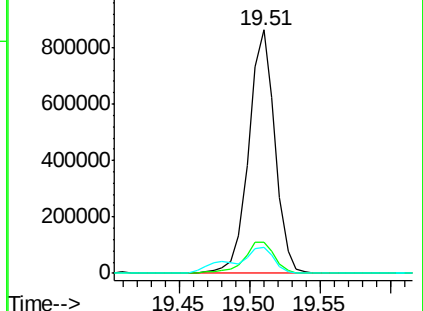
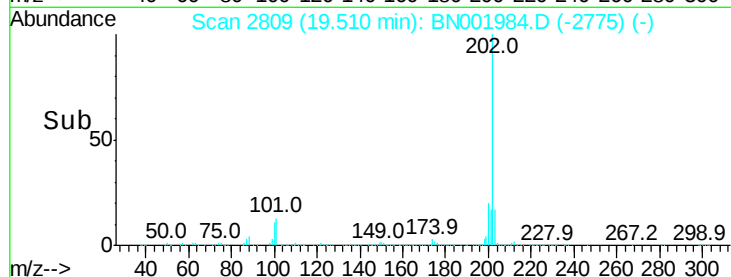
100 10.5 5.6 8.4#



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: 3.309 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

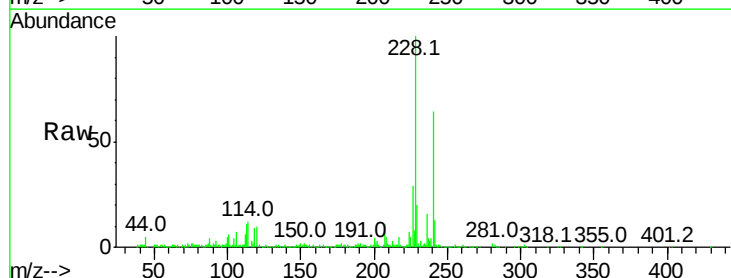
Tgt Ion:228 Resp: 628156

Ion Ratio Lower Upper

228 100

229 19.5 16.0 24.0

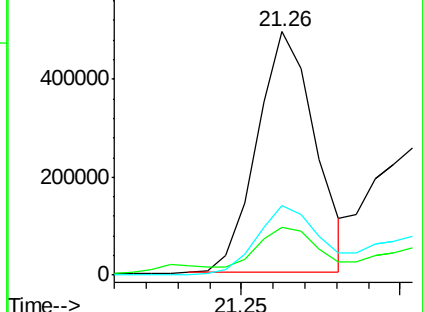
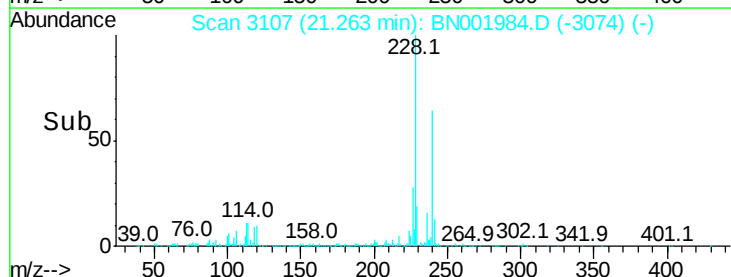
226 28.6 21.8 32.8

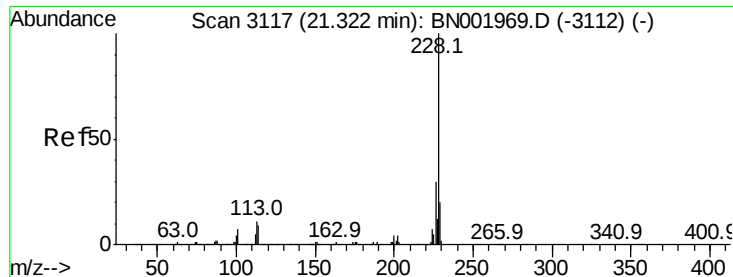


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.511 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

Instrument :

BNA_N

ClientSampleId :

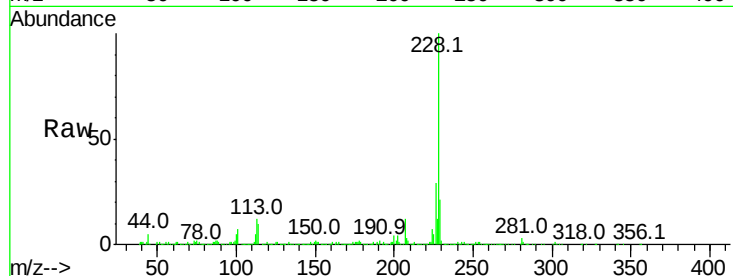
Tot Ion:228 Resp: 796677

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

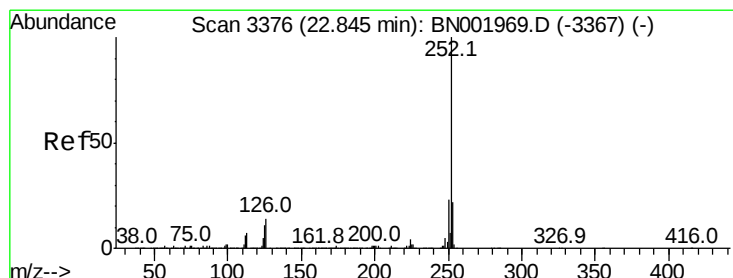
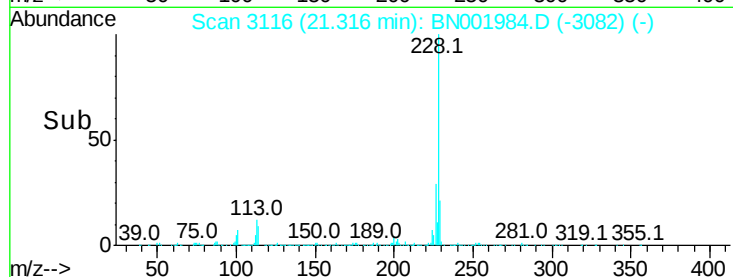
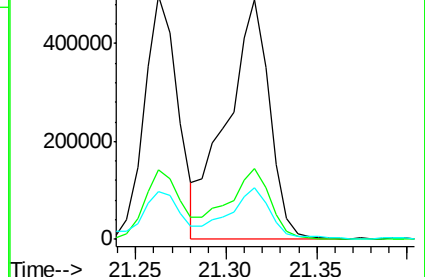
229 21.3 16.0 24.0



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: 6.848 ng/ul

RT: 22.85 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

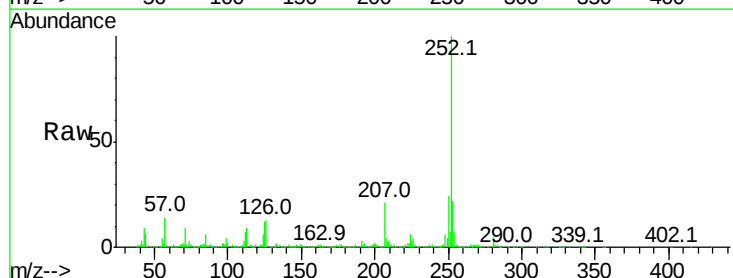
Tgt Ion:252 Resp: 1113540

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

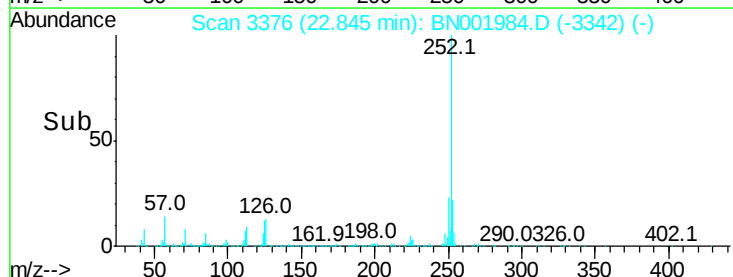
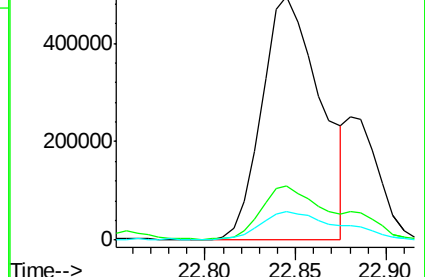
125 11.9 4.9 7.3#

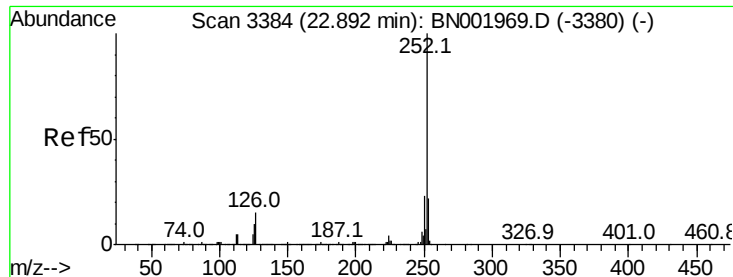


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 7.062 ng/ul

RT: 22.85 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

Instrument :

BNA_N

ClientSampleId :

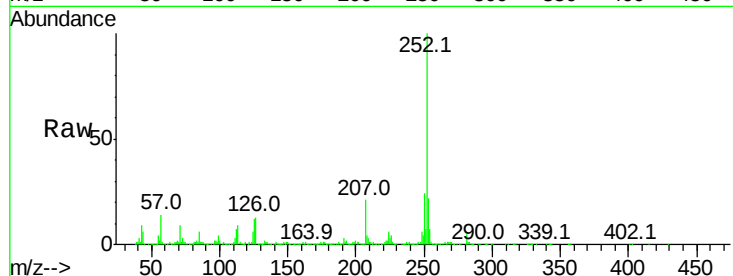
Tot Ion:252 Resp: 1113540

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

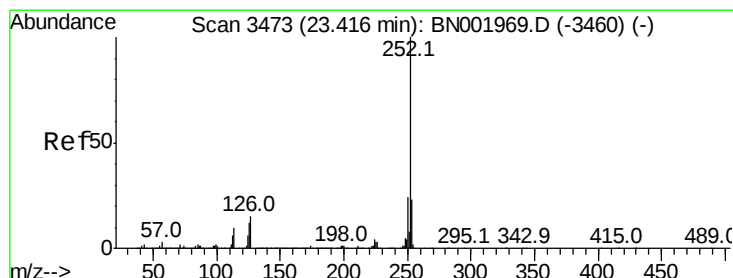
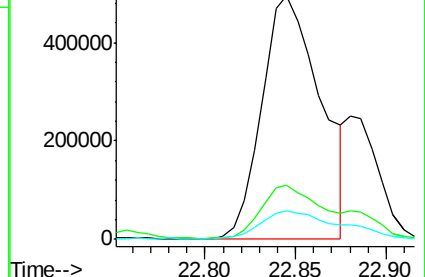
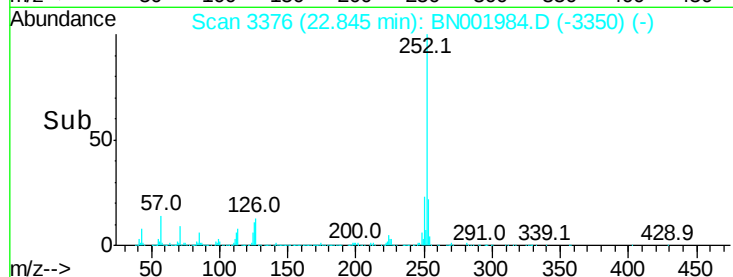
125 11.9 5.4 8.0#



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



#88

Benzo(a)pyrene

Concen: 2.423 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN001984.D

Acq: 06 Jul 2018 11:41

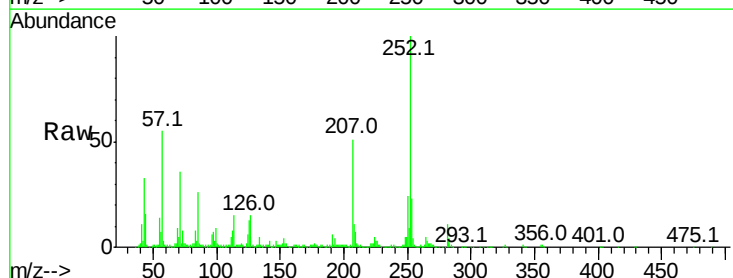
Tgt Ion:252 Resp: 368238

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

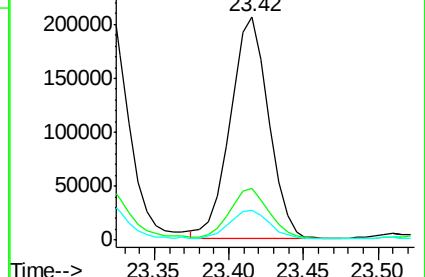
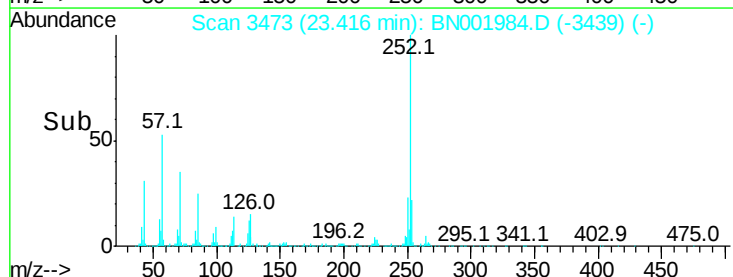
125 13.1 5.8 8.6#

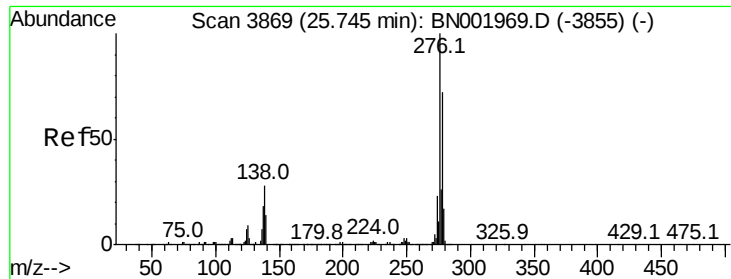


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



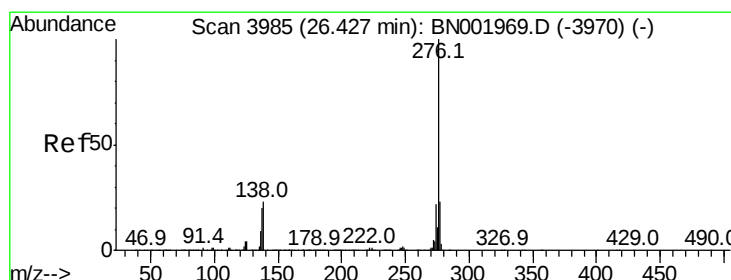
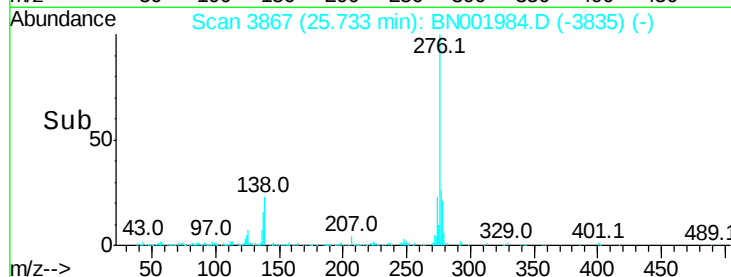
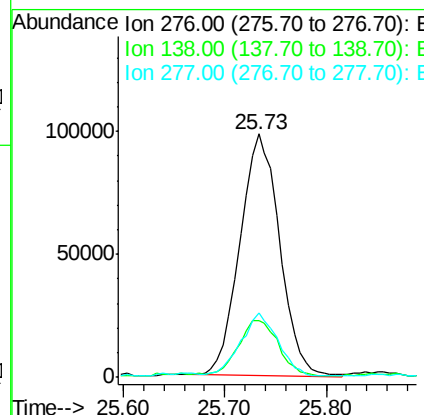
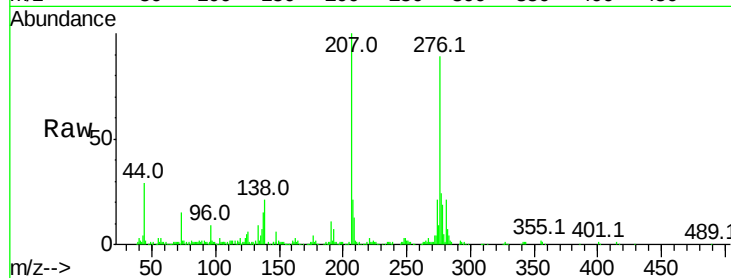


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.650 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BN001984.D
Acq: 06 Jul 2018 11:41

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.9	16.3#
277	26.5	18.9	28.3



#91

Benzo(g,h,i)perylene
Concen: 1.279 ng/ul
RT: 26.41 min Scan# 3982
Delta R.T. -0.01 min
Lab File: BN001984.D
Acq: 06 Jul 2018 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	11.2	16.8#
277	27.2	19.0	28.6

