

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001975.D
 Acq On : 05 Jul 2018 19:41
 Operator : JU/SJ
 Sample : J3721-15DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H01DL

Quant Time: Jul 06 01:17:52 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	590590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2650561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1506979	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3152620	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2137270	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2028104	20.00	ng/ul	0.00

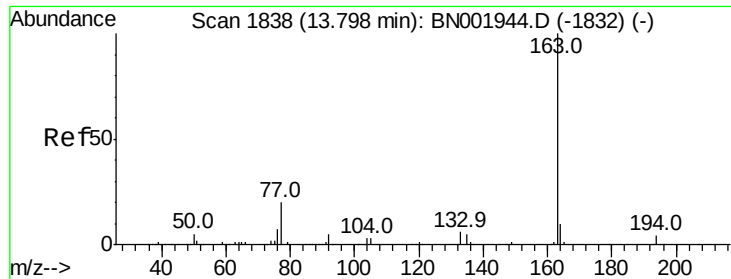
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	7347	0.54	ng/uL	0.00
5) Phenol-d5	6.88	99	183809	3.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	109221	3.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	142830	3.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	149490	3.49	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	70281	3.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	74581	3.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	155509	3.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	139295	3.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	507340	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	621752	3.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	51853	2.21	ng/ul	0.00
57) Fluorene-d10	15.33	176	454067	4.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	41569	2.42	ng/ul	0.00
70) Anthracene-d10	17.18	188	642046	4.22	ng/ul	0.00
76) Pyrene-d10	19.48	212	611995	5.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	443695	4.02	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.80	163	277240	2.217	ng/ul	98
47) Acenaphthylene	14.06	152	506291	3.339	ng/ul	99
69) Phenanthrene	17.12	178	272736	1.536	ng/ul	99
71) Anthracene	17.22	178	593245	3.300	ng/ul	97
74) Fluoranthene	19.15	202	6560538	35.144	ng/ul#	88
77) Pyrene	19.52	202	9565950	71.522	ng/ul#	86
80) Benzo(a)anthracene	21.27	228	4557871	33.743	ng/ul	96
82) Chrysene	21.32	228	5083222	40.446	ng/ul	98
85) Benzo(b)fluoranthene	22.86	252	9571744	74.724	ng/ul#	94
86) Benzo(k)fluoranthene	22.86	252	9571744	77.059	ng/ul#	94
88) Benzo(a)pyrene	23.42	252	4413523	36.871	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	3468123	27.228	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.76	278	911720	8.601	ng/ul#	89
91) Benzo(g,h,i)perylene	26.43	276	2908857	27.685	ng/ul#	91

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



#44

Dimethylphthalate

Concen: 2.217 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

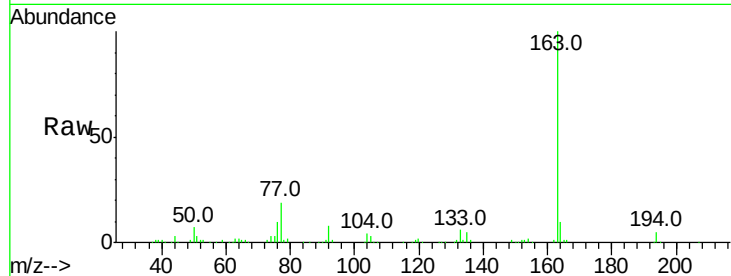
Tot Ion:163 Resp: 277240

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

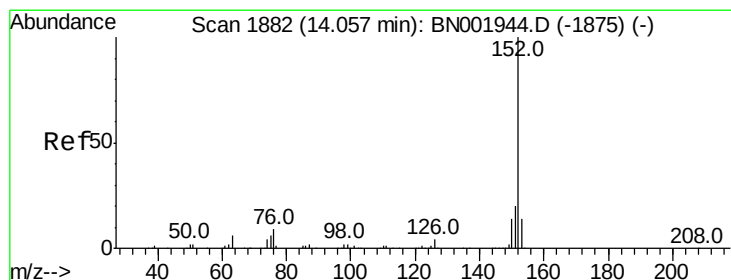
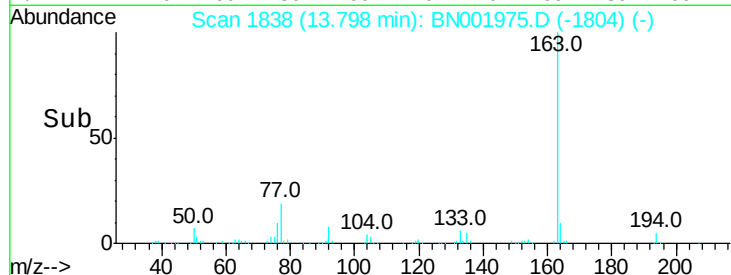
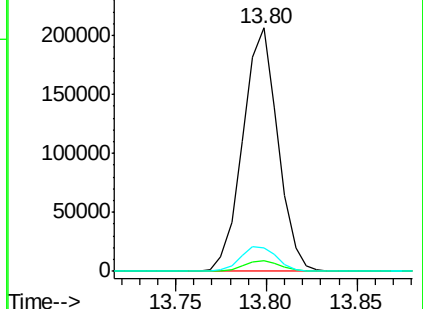
164 9.8 8.4 12.6



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



#47

Acenaphthylene

Concen: 3.339 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

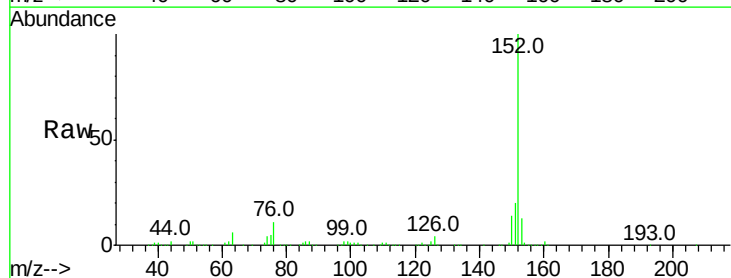
Tgt Ion:152 Resp: 506291

Ion Ratio Lower Upper

152 100

151 19.7 16.1 24.1

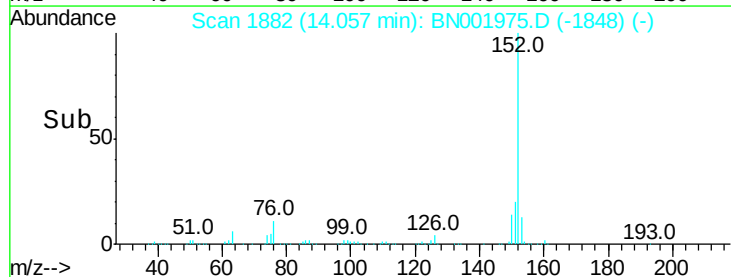
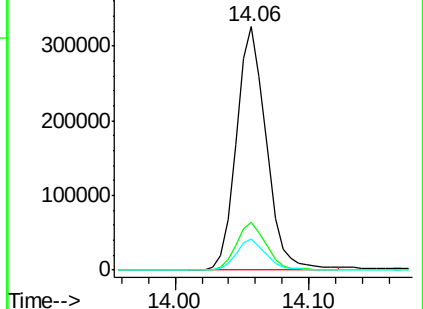
153 12.6 10.8 16.2

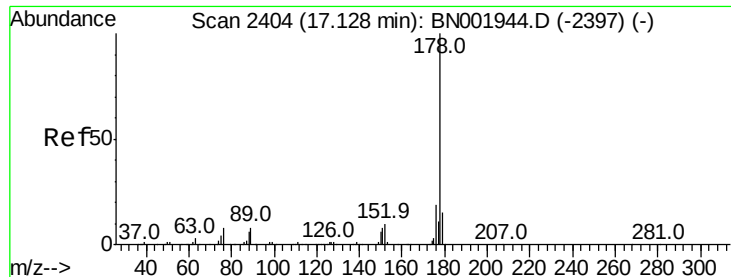


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.536 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

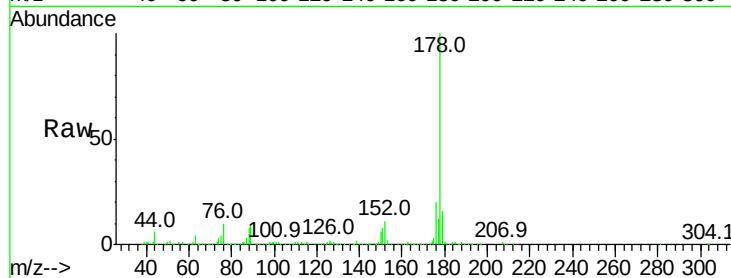
BNA_N

ClientSampleId :

F1H01DL

Tot Ion:178 Resp: 272736

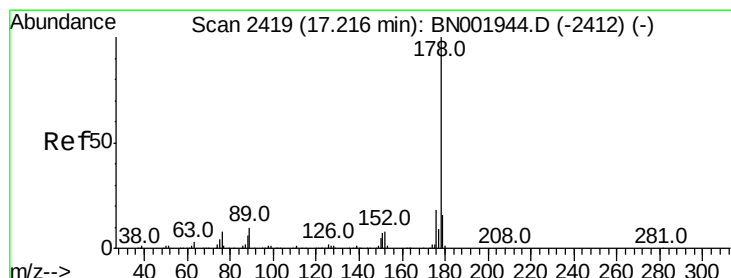
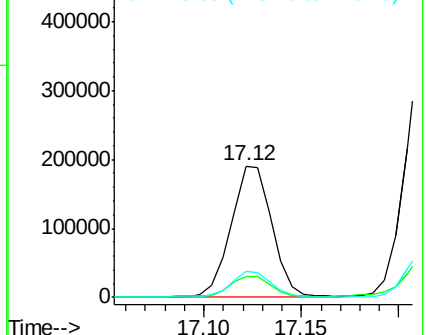
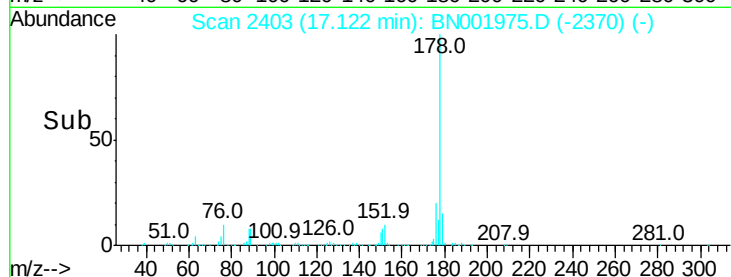
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	20.1	15.4	23.0



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



#71

Anthracene

Concen: 3.300 ng/ul

RT: 17.22 min Scan# 2419

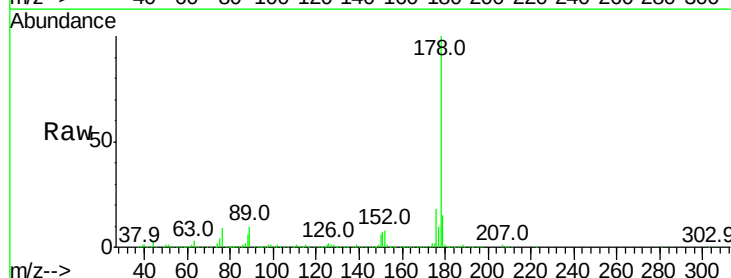
Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Tgt Ion:178 Resp: 593245

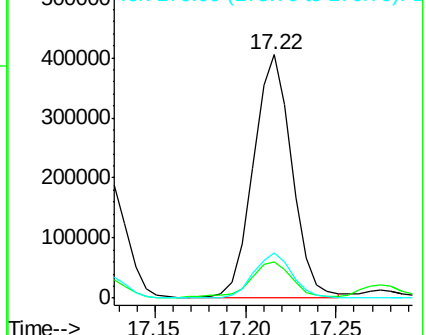
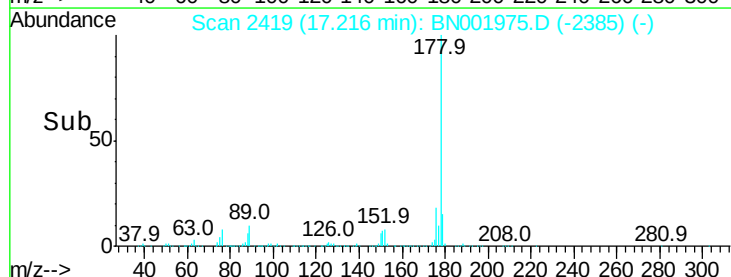
Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.4	20.2
176	18.3	15.4	23.0

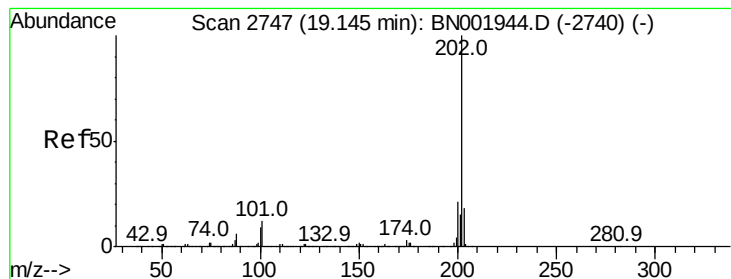


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 35.144 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

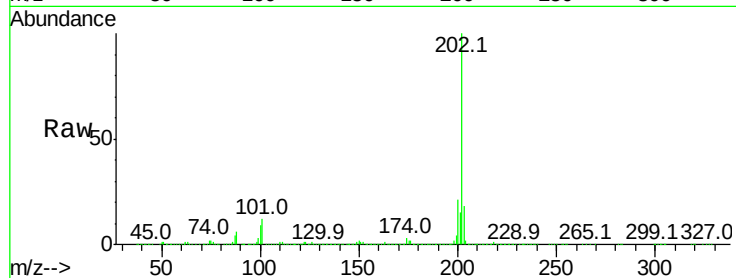
Tot Ion:202 Resp: 6560538

Ion Ratio Lower Upper

202 100

101 12.4 6.1 9.1#

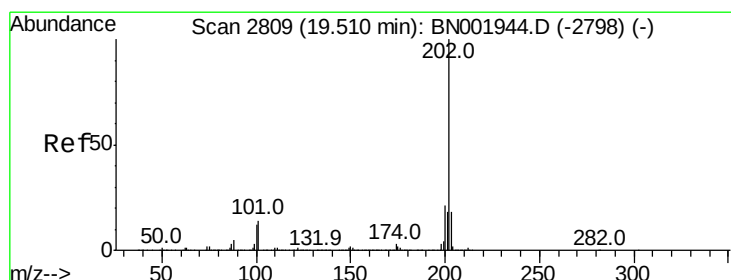
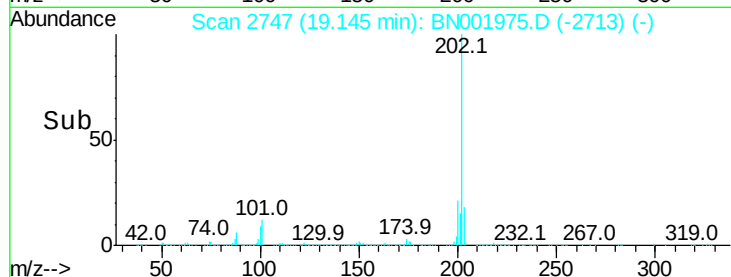
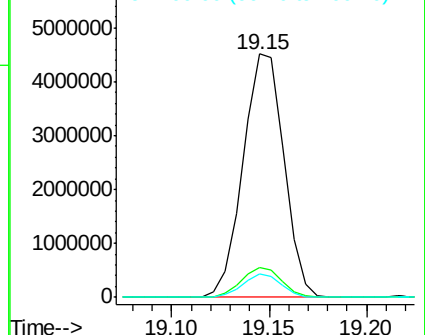
100 9.5 4.6 7.0#



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

Pyrene

Concen: 71.522 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

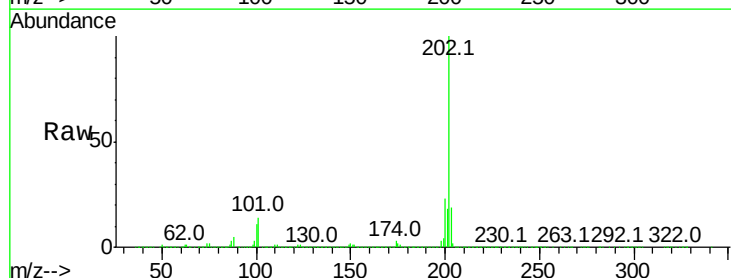
Tgt Ion:202 Resp: 9565950

Ion Ratio Lower Upper

202 100

101 14.2 6.9 10.3#

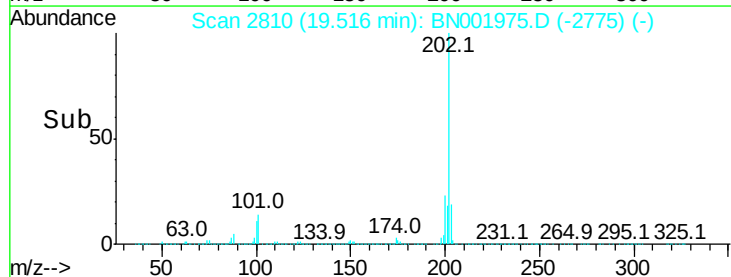
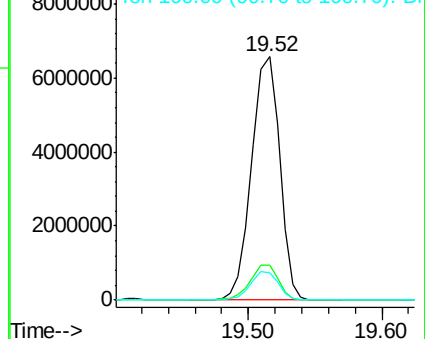
100 11.4 5.6 8.4#

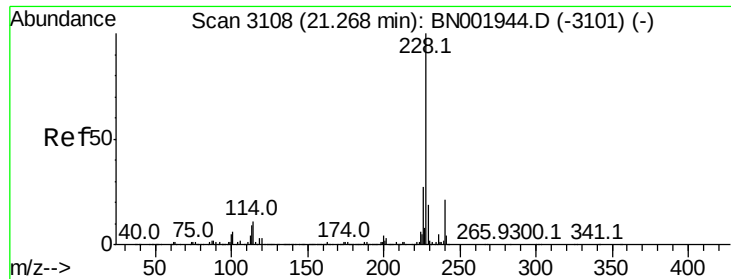


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

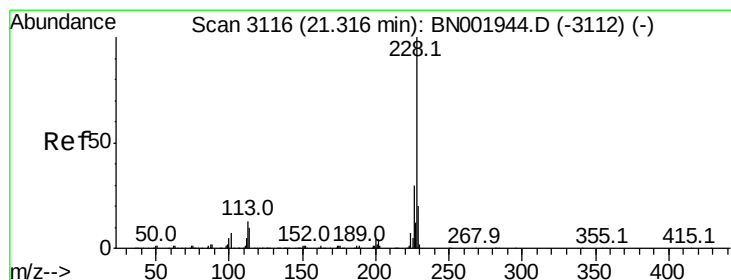
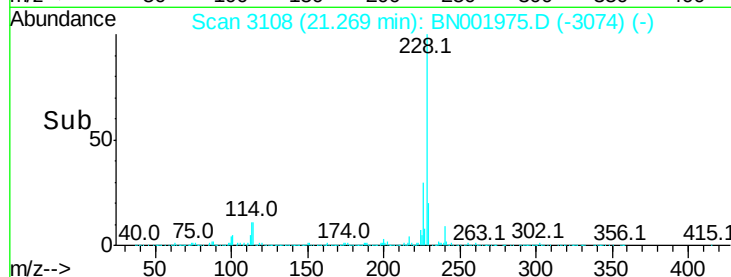
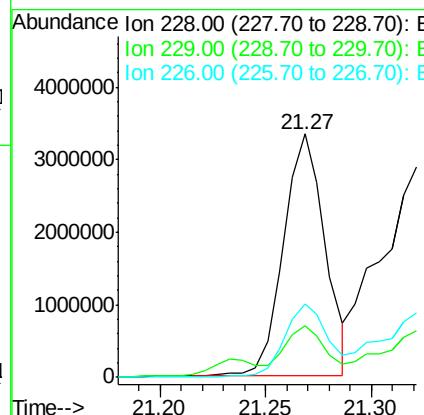
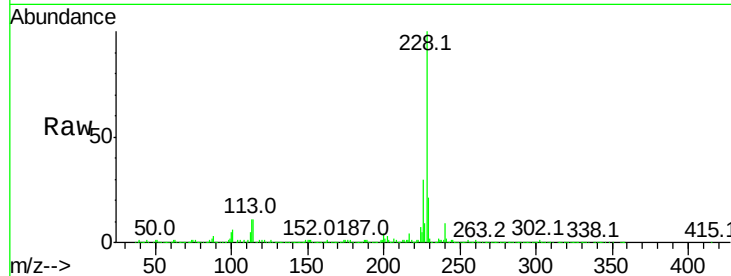




#80
Benzo(a)anthracene
Concen: 33.743 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

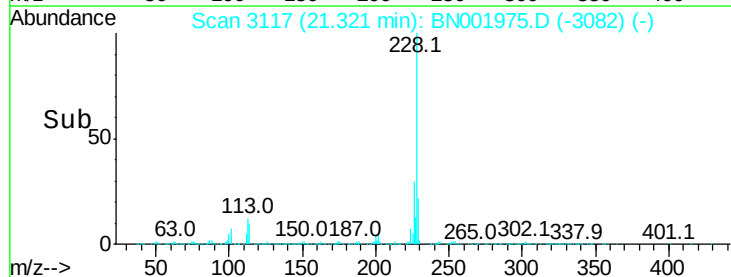
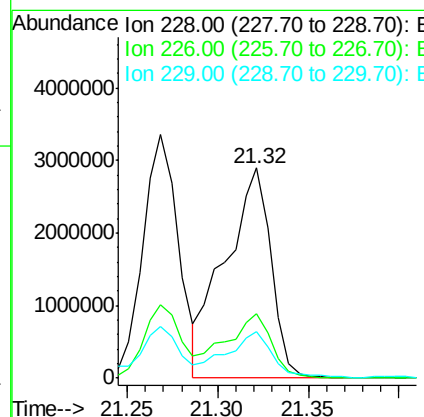
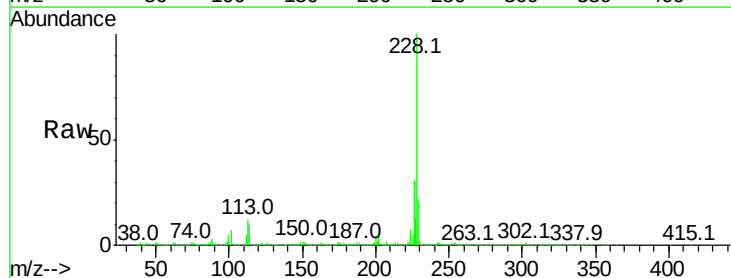
Instrument :
BNA_N
ClientSampleId :
F1H01DL

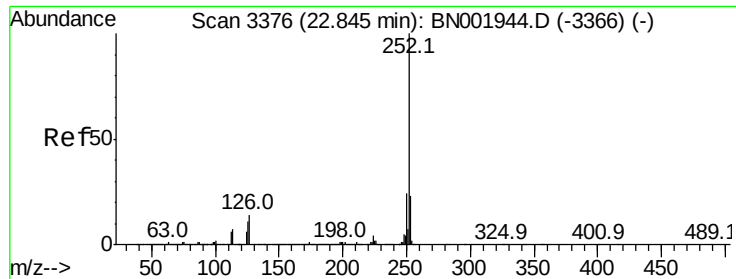
Tot Ion:228 Resp: 4557871
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 30.0 21.8 32.8



#82
Chrysene
Concen: 40.446 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001975.D
Acq: 05 Jul 2018 19:41

Tgt Ion:228 Resp: 5083222
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 22.0 16.0 24.0





#85

Benzo(b)fluoranthene

Concen: 74.724 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

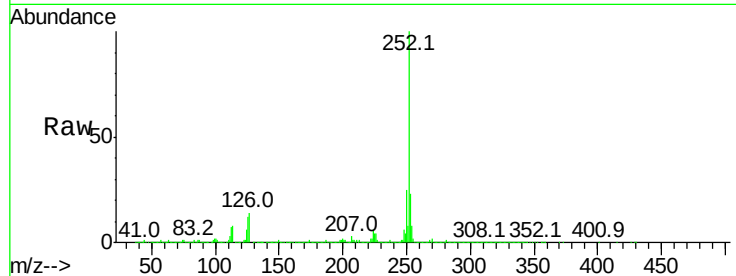
Tot Ion:252 Resp: 9571744

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

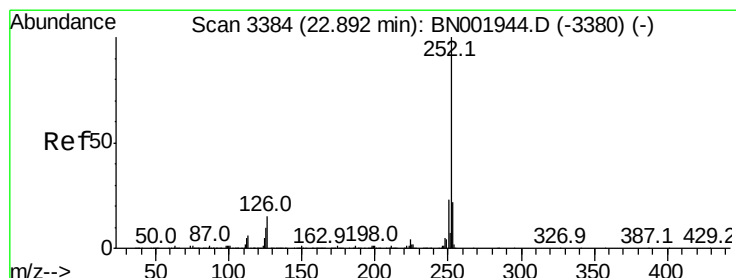
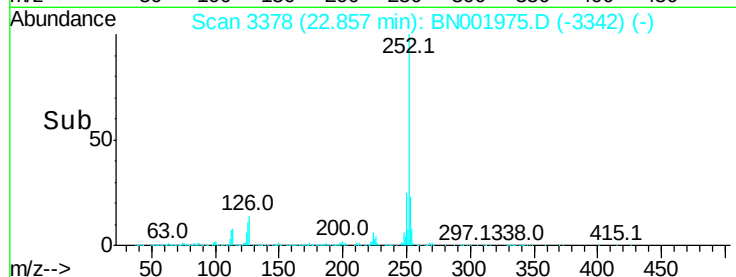
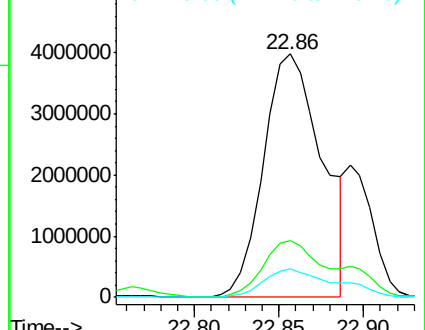
125 11.5 4.9 7.3#



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: 77.059 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

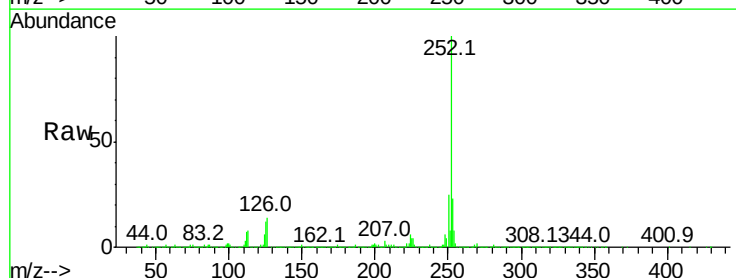
Tgt Ion:252 Resp: 9571744

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

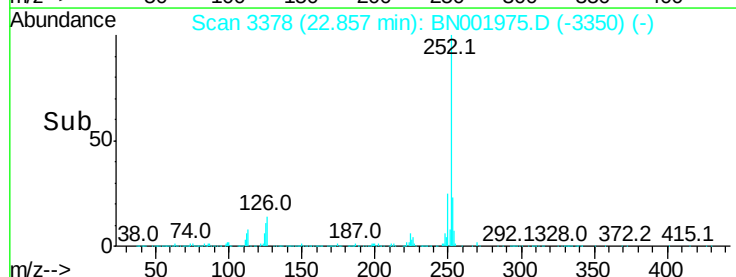
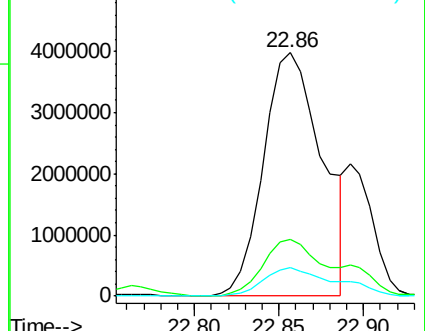
125 11.5 5.4 8.0#

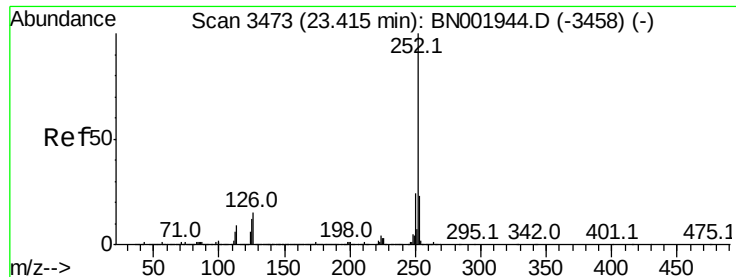


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 36.871 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

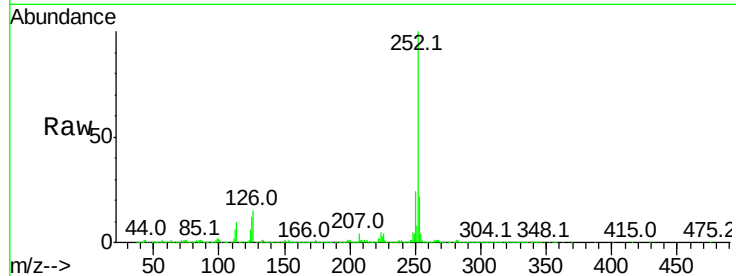
Tot Ion:252 Resp: 4413523

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 11.8 5.8 8.6#



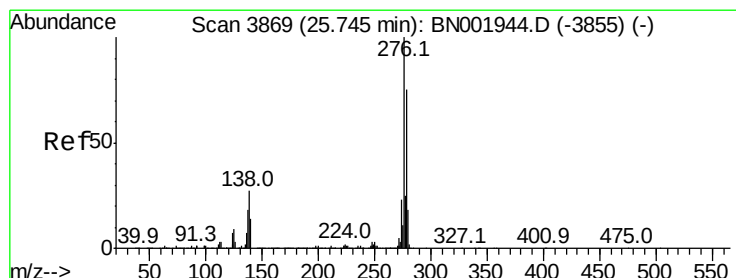
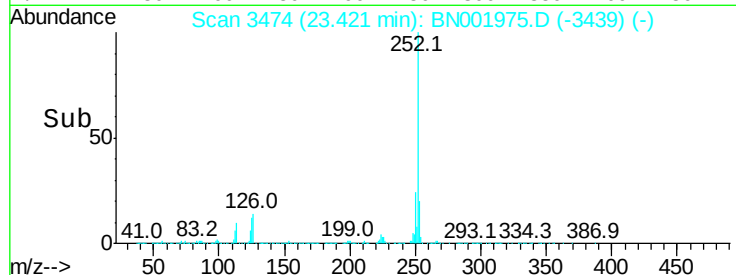
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.42

Time-->



#89

Indeno(1,2,3-cd)pyrene

Concen: 27.228 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

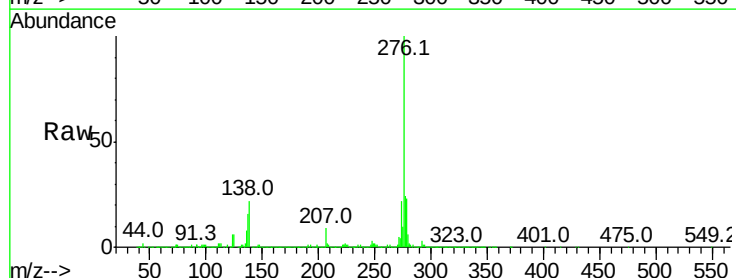
Tgt Ion:276 Resp: 3468123

Ion Ratio Lower Upper

276 100

138 22.1 10.9 16.3#

277 24.2 18.9 28.3



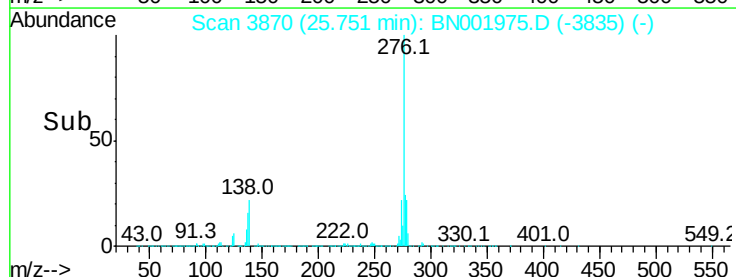
Abundance Ion 276.00 (275.70 to 276.70): E

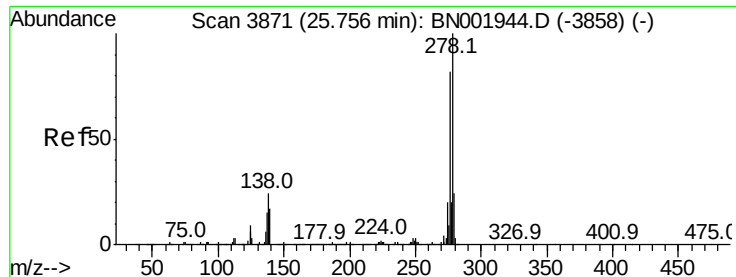
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

25.75

Time-->





#90

Dibenzo(a,h)anthracene

Concen: 8.601 ng/ul

RT: 25.76 min Scan# 3871

Delta R.T. 0.00 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

Instrument :

BNA_N

ClientSampleId :

F1H01DL

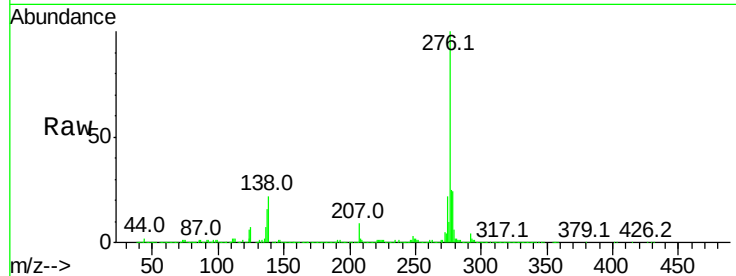
Tot Ion:278 Resp: 911720

Ion Ratio Lower Upper

278 100

139 0.0 9.0 13.4#

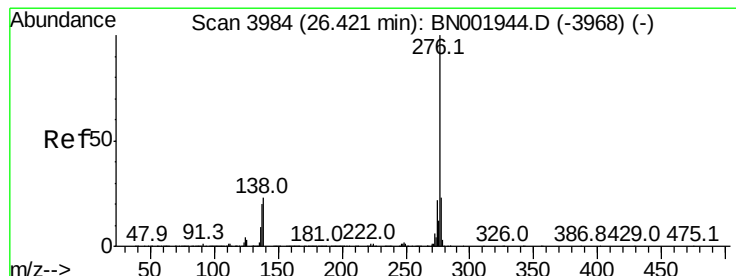
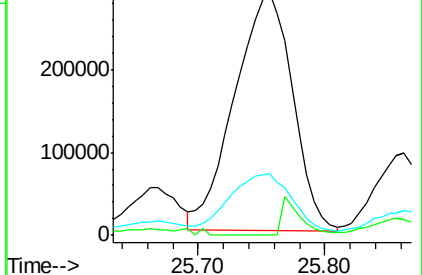
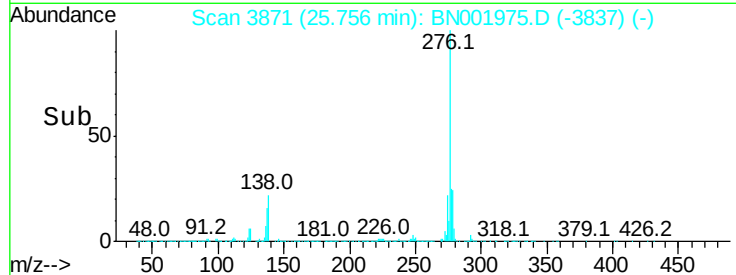
279 25.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 27.685 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. 0.01 min

Lab File: BN001975.D

Acq: 05 Jul 2018 19:41

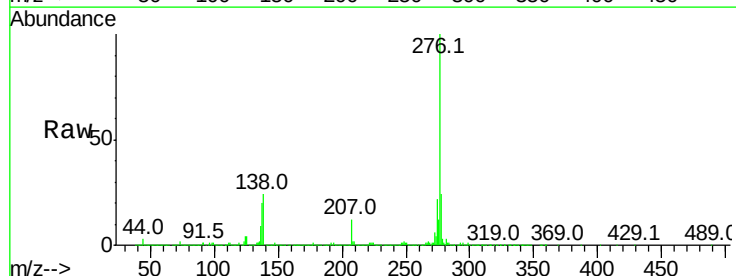
Tgt Ion:276 Resp: 2908857

Ion Ratio Lower Upper

276 100

138 23.8 11.2 16.8#

277 23.7 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

