

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001976.D
 Acq On : 05 Jul 2018 20:16
 Operator : JU/SJ
 Sample : J3721-17DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H12DL

Quant Time: Jul 06 01:17:59 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	595918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2678404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1551388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3261156	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2291593	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2110674	20.00	ng/ul	0.00

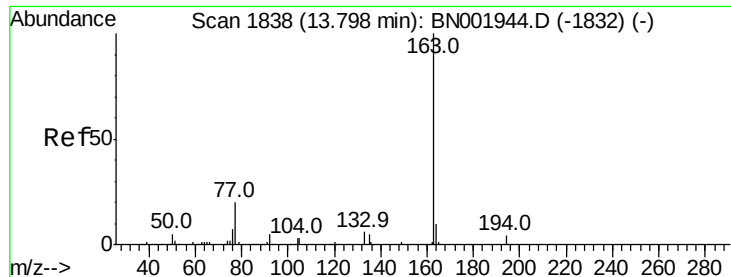
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	5702	0.42	ng/uL	0.00
5) Phenol-d5	6.89	99	133202	2.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	82913	2.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	107013	2.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	106554	2.47	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	50120	2.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	52656	2.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	110096	2.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	91339	2.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	351826	2.69	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	420507	2.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	33515	1.39	ng/ul	0.00
57) Fluorene-d10	15.33	176	320385	2.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	25087	1.41	ng/ul	0.00
70) Anthracene-d10	17.18	188	458801	2.91	ng/ul	0.00
76) Pyrene-d10	19.48	212	446218	3.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	326387	2.84	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.80	163	151332	1.175	ng/ul 98
47) Acenaphthylene	14.06	152	444782	2.849	ng/ul 100
69) Phenanthrene	17.12	178	230572	1.255	ng/ul 99
71) Anthracene	17.22	178	553214	2.975	ng/ul 97
74) Fluoranthene	19.15	202	5758212	29.819	ng/ul# 88
77) Pyrene	19.51	202	8372622	58.384	ng/ul# 84
80) Benzo(a)anthracene	21.27	228	3976092	27.454	ng/ul 95
82) Chrysene	21.32	228	4502365	33.411	ng/ul 99
85) Benzo(b)fluoranthene	22.86	252	8440295	63.314	ng/ul# 95
86) Benzo(k)fluoranthene	22.86	252	8440295	65.291	ng/ul# 94
88) Benzo(a)pyrene	23.42	252	3755460	30.146	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.75	276	2932910	22.126	ng/ul# 90
90) Dibenzo(a,h)anthracene	25.75	278	770689	6.986	ng/ul# 88
91) Benzo(g,h,i)perylene	26.43	276	2439456	22.309	ng/ul# 90

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



#44

Dimethylphthalate

Concen: 1.175 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

Instrument :

BNA_N

ClientSampled :

F1H12DL

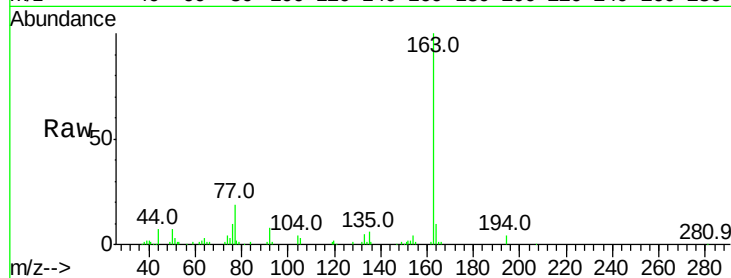
Tot Ion:163 Resp: 151332

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

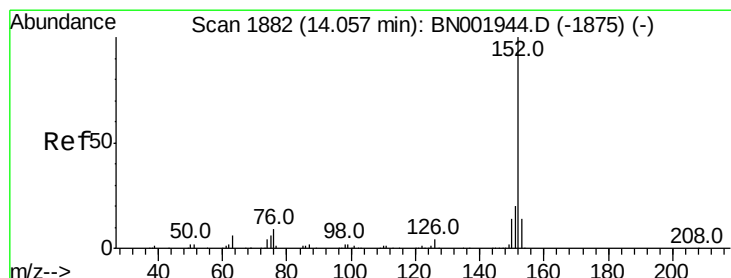
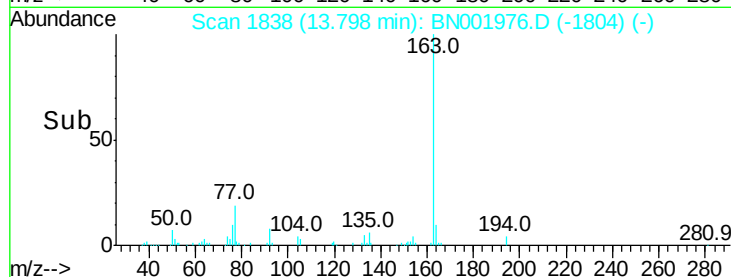
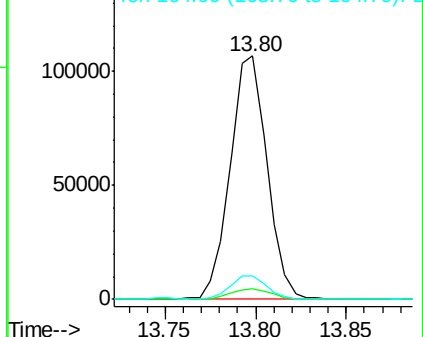
164 9.8 8.4 12.6



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: 2.849 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

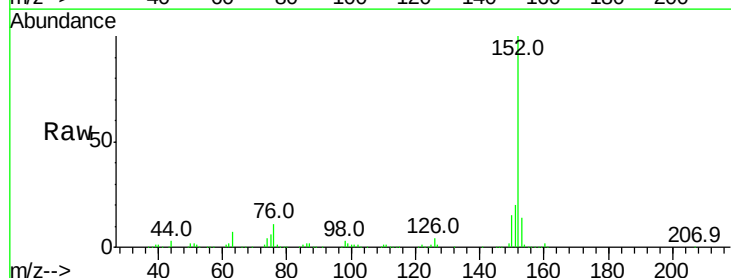
Tgt Ion:152 Resp: 444782

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

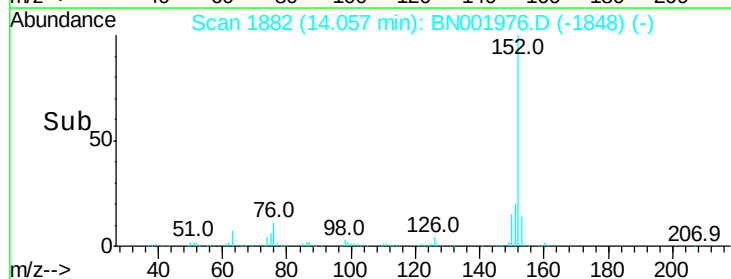
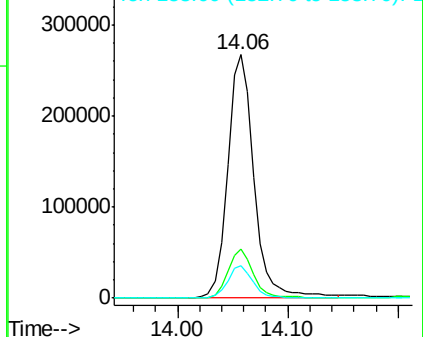
153 13.5 10.8 16.2

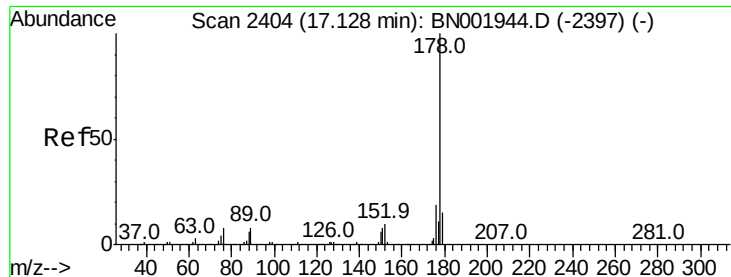


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 1.255 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

Instrument :

BNA_N

ClientSampleId :

F1H12DL

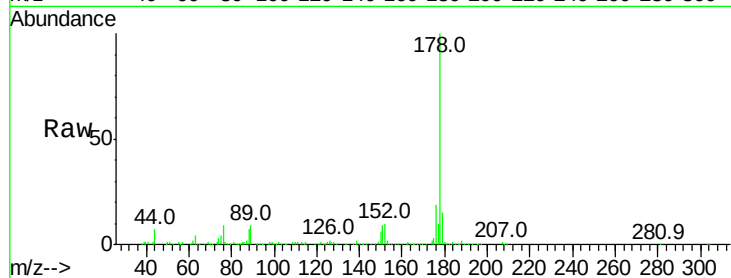
Tot Ion:178 Resp: 230572

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

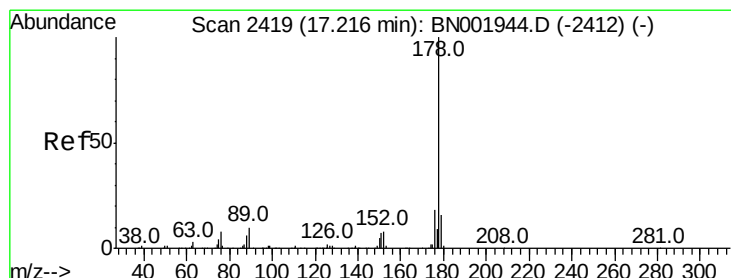
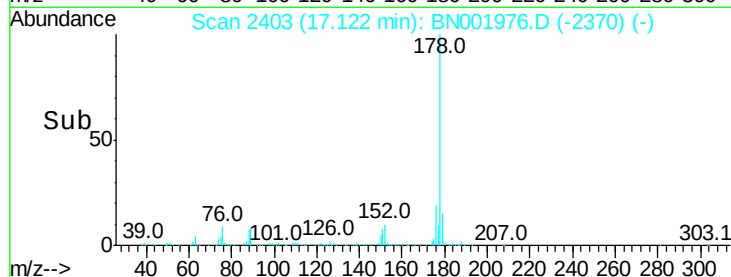
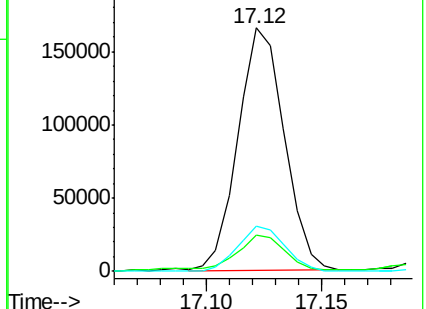
176 18.6 15.4 23.0



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: 2.975 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

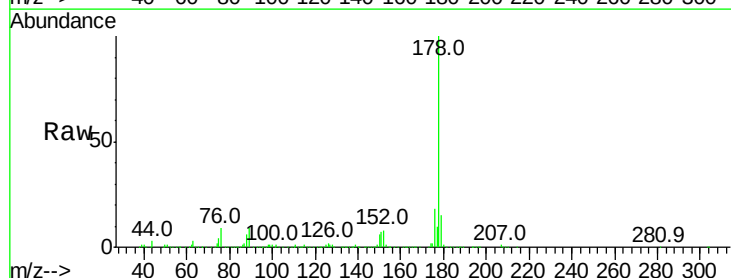
Tgt Ion:178 Resp: 553214

Ion Ratio Lower Upper

178 100

179 14.9 13.4 20.2

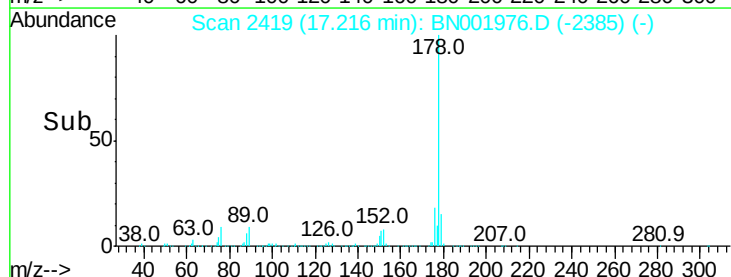
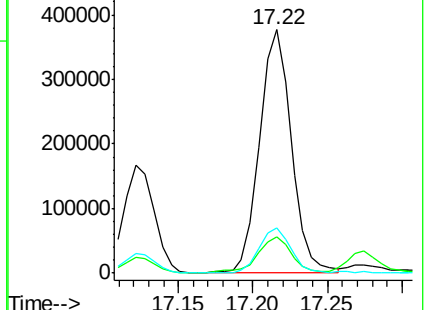
176 18.4 15.4 23.0

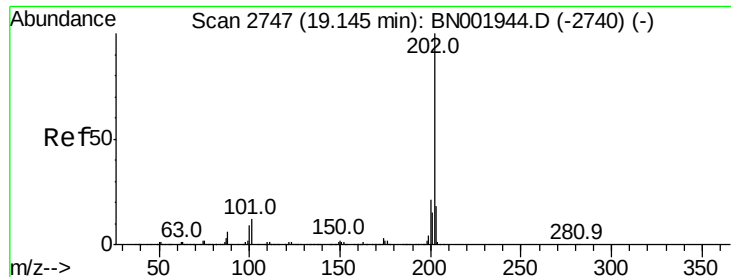


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

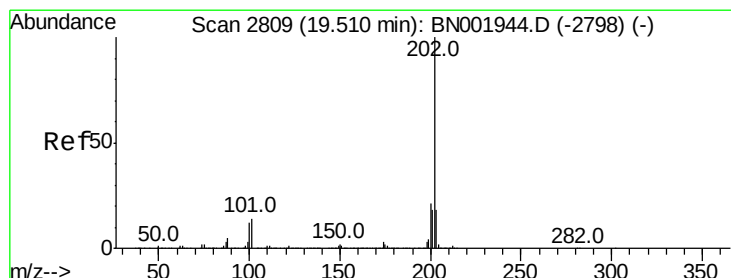
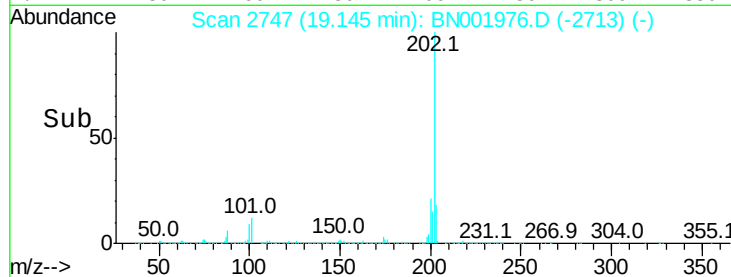
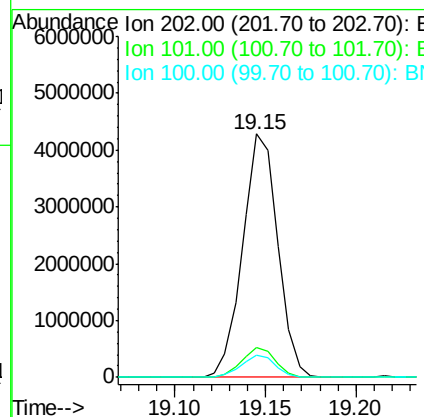
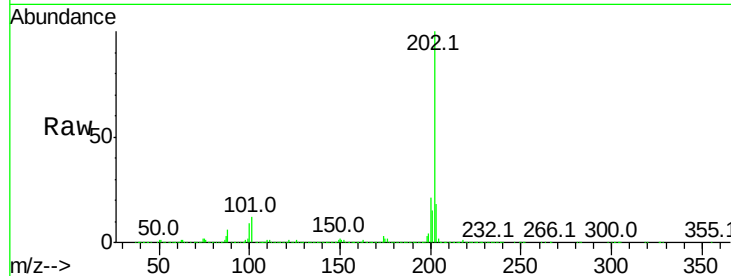




#74
 Fluoranthene
 Concen: 29.819 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001976.D
 Acq: 05 Jul 2018 20:16

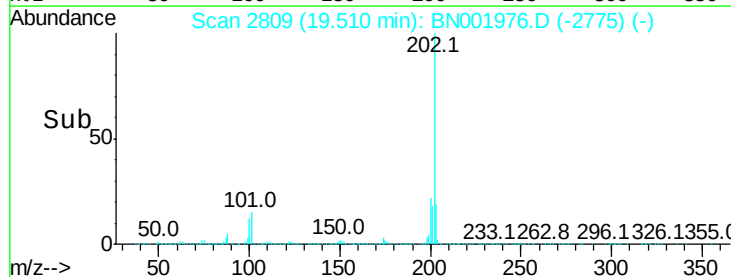
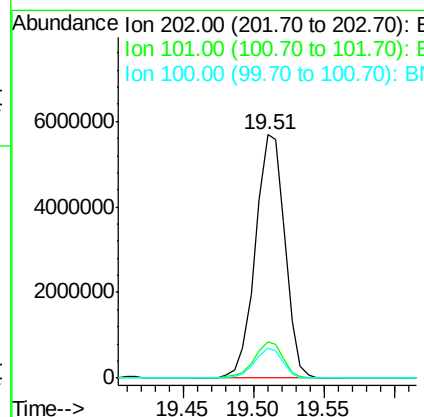
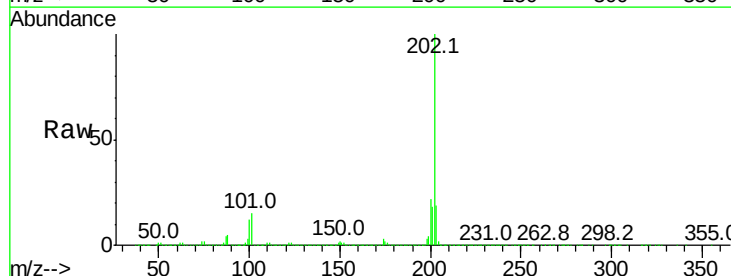
Instrument :
 BNA_N
 ClientSampleId :
 F1H12DL

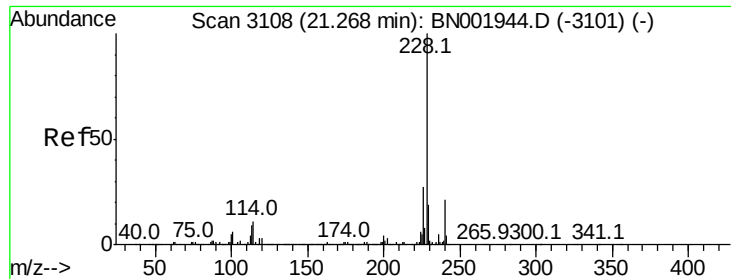
Tot Ion:202 Resp: 5758212
 Ion Ratio Lower Upper
 202 100
 101 12.3 6.1 9.1#
 100 9.2 4.6 7.0#



#77
 Pyrene
 Concen: 58.384 ng/ul
 RT: 19.51 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BN001976.D
 Acq: 05 Jul 2018 20:16

Tgt Ion:202 Resp: 8372622
 Ion Ratio Lower Upper
 202 100
 101 14.9 6.9 10.3#
 100 12.0 5.6 8.4#





#80

Benzo(a)anthracene

Concen: 27.454 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

Instrument :

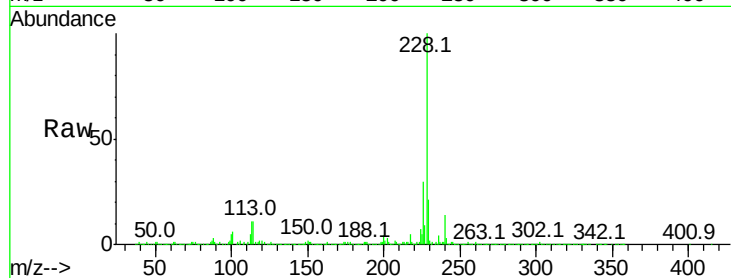
BNA_N

ClientSampleId :

F1H12DL

Tot Ion:228 Resp: 3976092

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.0	24.0
226	30.3	21.8	32.8

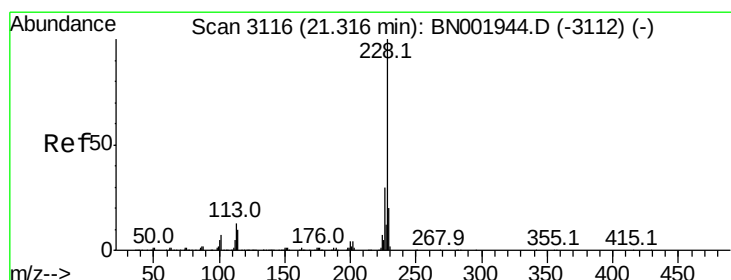
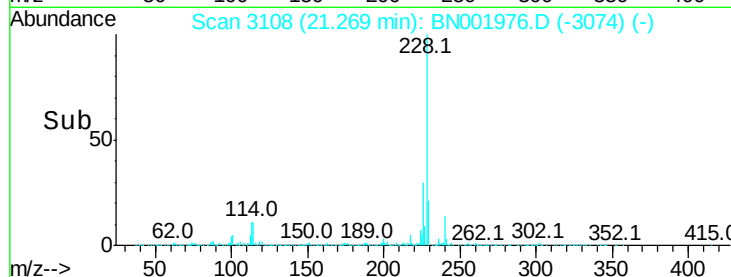
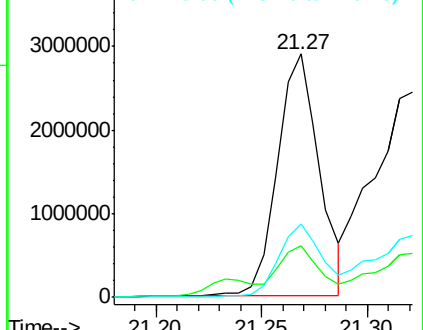


Abundance

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: 33.411 ng/ul

RT: 21.32 min Scan# 3117

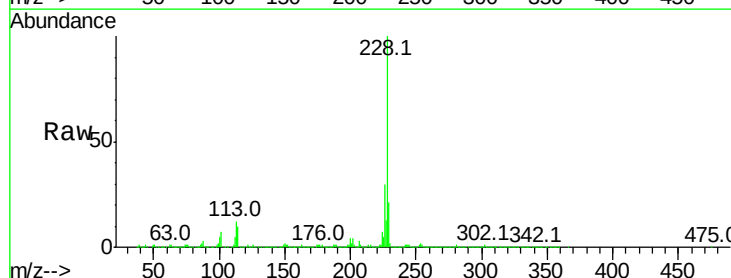
Delta R.T. 0.01 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

Tgt Ion:228 Resp: 4502365

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.1	16.0	24.0

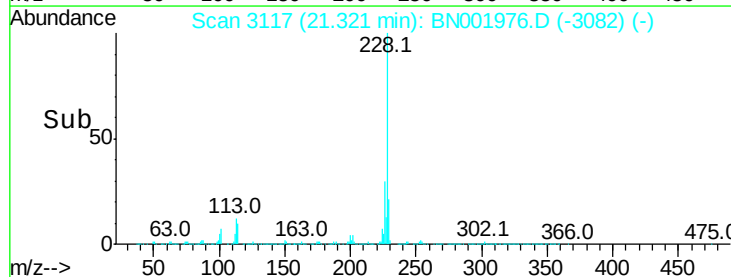
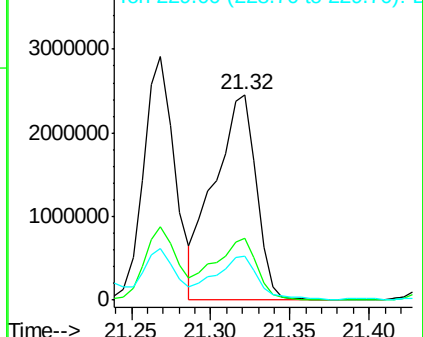


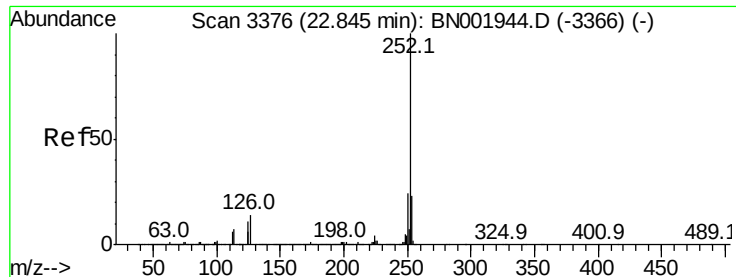
Abundance

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

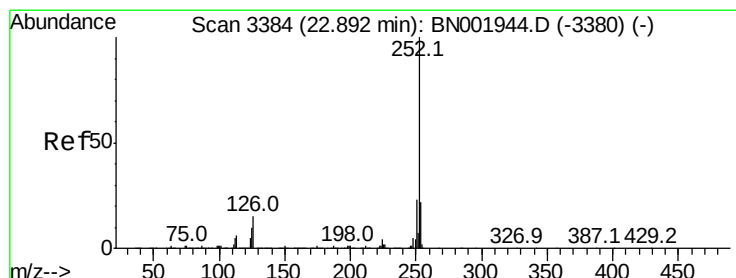
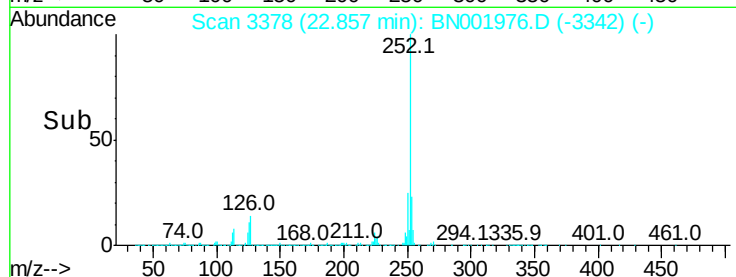
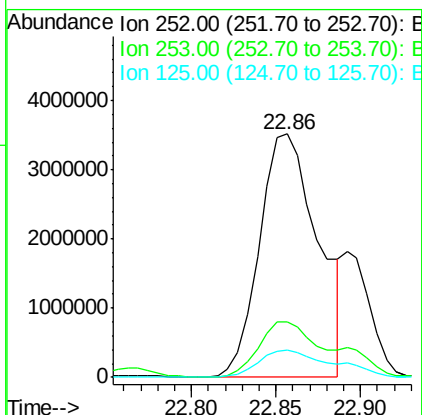
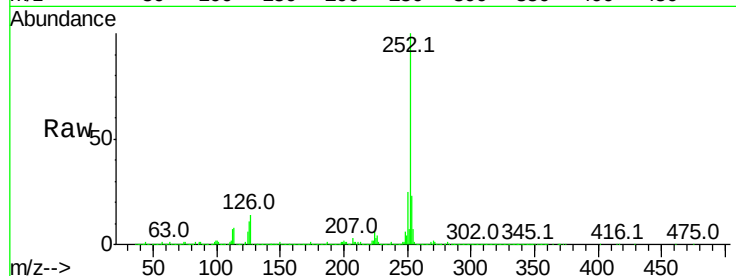




#85
Benzo(b)fluoranthene
Concen: 63.314 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001976.D
Acq: 05 Jul 2018 20:16

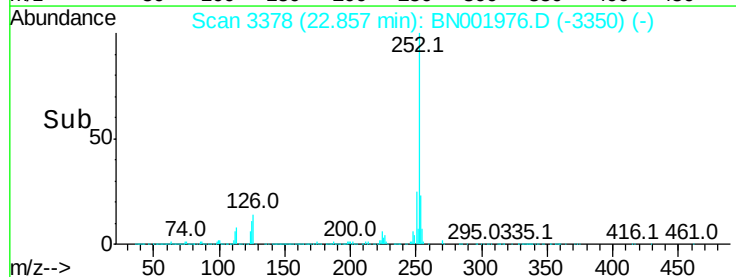
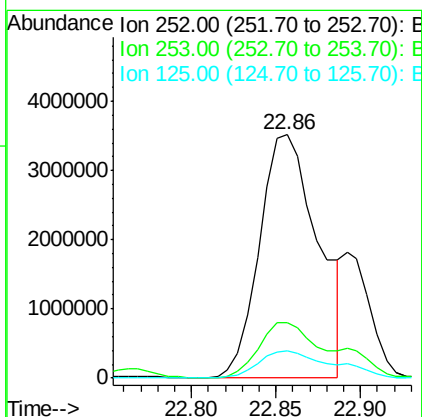
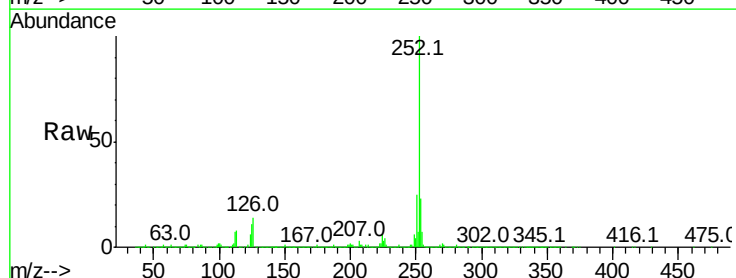
Instrument :
BNA_N
ClientSampleId :
F1H12DL

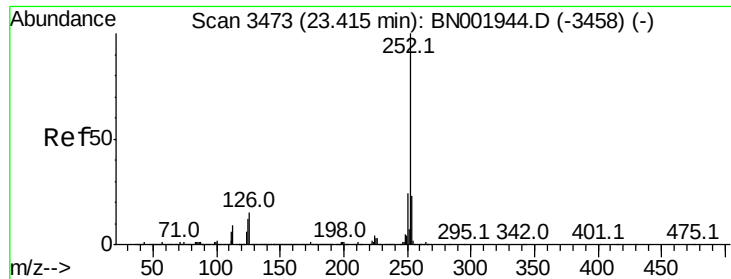
Tot Ion:252 Resp: 8440295
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 11.4 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 65.291 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001976.D
Acq: 05 Jul 2018 20:16

Tgt Ion:252 Resp: 8440295
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 11.4 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 30.146 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

Instrument :

BNA_N

ClientSampleId :

F1H12DL

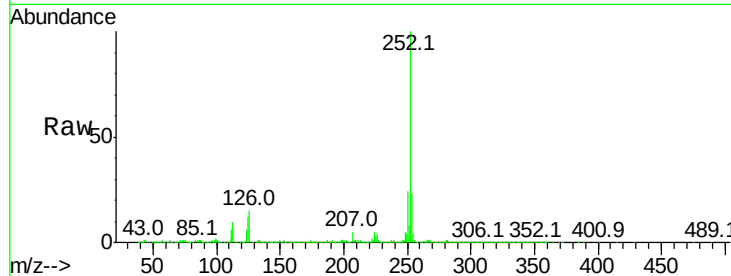
Tot Ion:252 Resp: 3755460

Ion Ratio Lower Upper

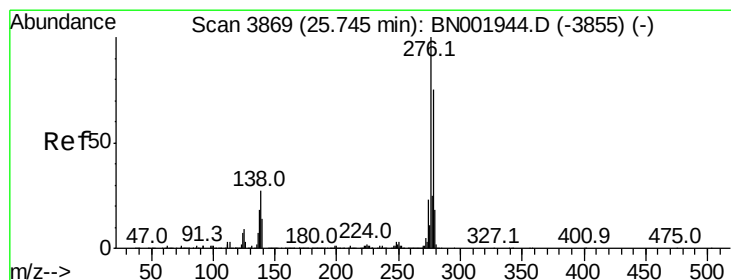
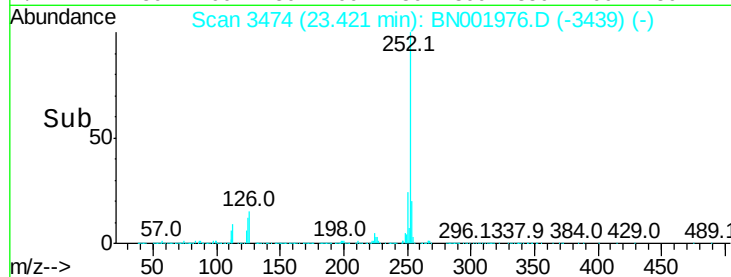
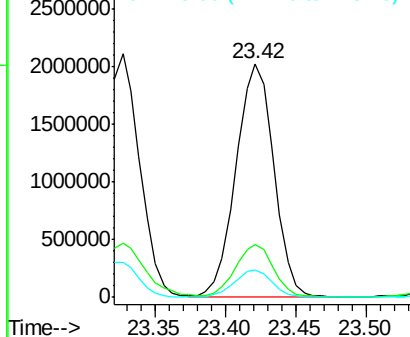
252 100

253 22.8 17.2 25.8

125 11.6 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: 22.126 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. 0.01 min

Lab File: BN001976.D

Acq: 05 Jul 2018 20:16

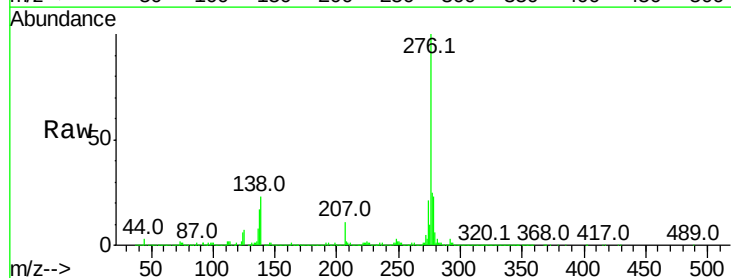
Tgt Ion:276 Resp: 2932910

Ion Ratio Lower Upper

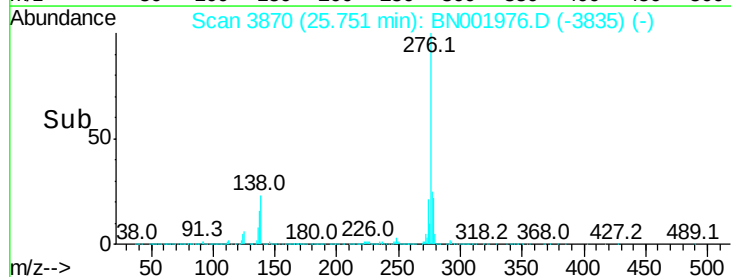
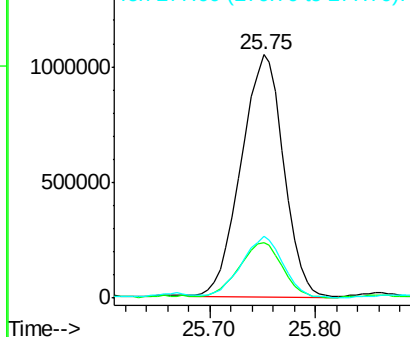
276 100

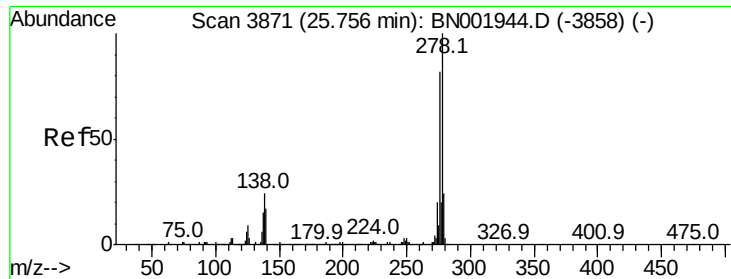
138 22.7 10.9 16.3#

277 25.2 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

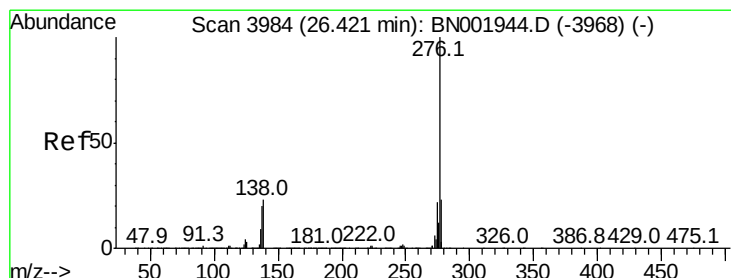
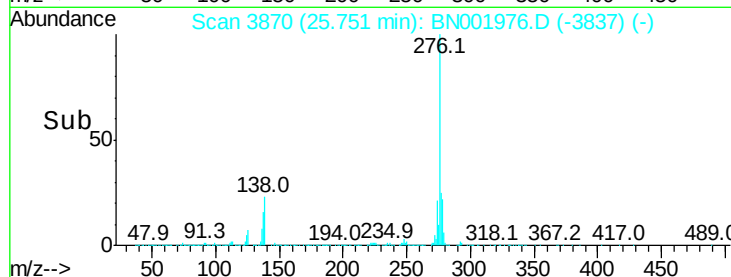
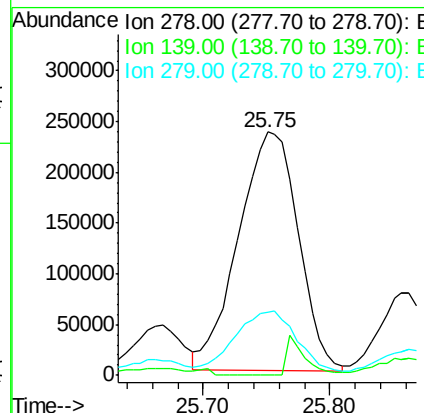
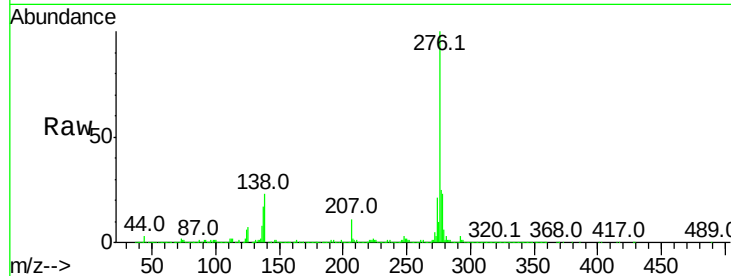




#90
Dibenzo(a,h)anthracene
Concen: 6.986 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001976.D
Acq: 05 Jul 2018 20:16

Instrument :
BNA_N
ClientSampleId :
F1H12DL

Tot Ion:278 Resp: 770689
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 26.0 19.1 28.7



#91
Benzo(g,h,i)perylene
Concen: 22.309 ng/ul
RT: 26.43 min Scan# 3986
Delta R.T. 0.01 min
Lab File: BN001976.D
Acq: 05 Jul 2018 20:16

Tgt Ion:276 Resp: 2439456
Ion Ratio Lower Upper
276 100
138 23.6 11.2 16.8#
277 22.8 19.0 28.6

