

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001973.D
 Acq On : 05 Jul 2018 18:30
 Operator : JU/SJ
 Sample : J3721-21DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

Quant Time: Jul 06 01:17:36 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	655903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3028486	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1748844	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3695375	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2894338	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2501873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	22862	1.51	ng/uL	0.00
5) Phenol-d5	6.88	99	522394	8.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	346069	9.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	437948	9.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	423990	8.92	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	220245	9.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	242760	10.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	468173	9.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	428731	8.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1481711	10.03	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1828578	10.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	155731	5.72	ng/ul	0.00
57) Fluorene-d10	15.33	176	1301794	10.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	168219	8.36	ng/ul	0.00
70) Anthracene-d10	17.18	188	1907919	10.69	ng/ul	0.00
76) Pyrene-d10	19.48	212	1974178	13.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1453137	10.68	ng/ul	0.00

Target Compounds

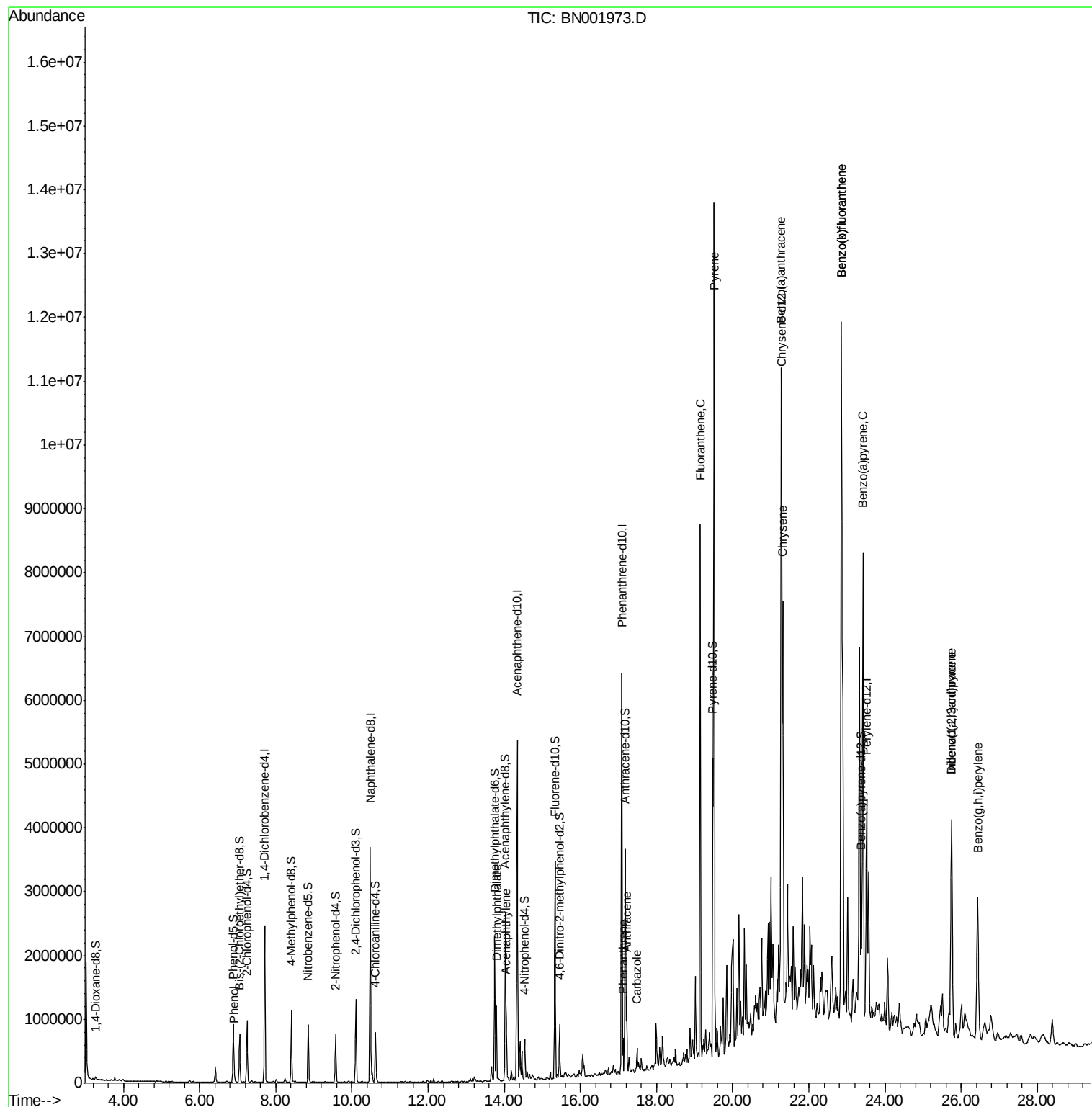
					Ovalue
6) Phenol	6.91	94	62379	1.042	ng/ul 94
44) Dimethylphthalate	13.80	163	756604	5.213	ng/ul 99
47) Acenaphthylene	14.06	152	574995	3.267	ng/ul 98
69) Phenanthrene	17.12	178	337318	1.620	ng/ul 100
71) Anthracene	17.22	178	752160	3.570	ng/ul 97
72) Carbazole	17.49	167	176614	1.001	ng/ul 97
74) Fluoranthene	19.15	202	4886687	22.333	ng/ul# 89
77) Pyrene	19.52	202	8353356	46.119	ng/ul# 87
80) Benzo(a)anthracene	21.27	228	4354800	23.807	ng/ul 94
82) Chrysene	21.32	228	3119197	18.327	ng/ul 98
85) Benzo(b)fluoranthene	22.86	252	8483409	53.687	ng/ul# 94
86) Benzo(k)fluoranthene	22.86	252	8483409	55.364	ng/ul# 93
88) Benzo(a)pyrene	23.42	252	4769928	32.303	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.75	276	3236045	20.595	ng/ul# 91
90) Dibenzo(a,h)anthracene	25.75	278	829864	6.346	ng/ul# 89
91) Benzo(g,h,i)perylene	26.43	276	2577937	19.889	ng/ul# 91

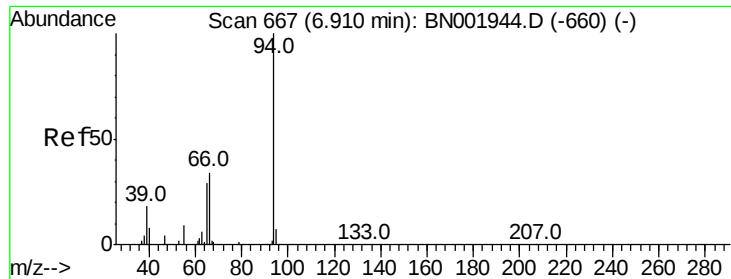
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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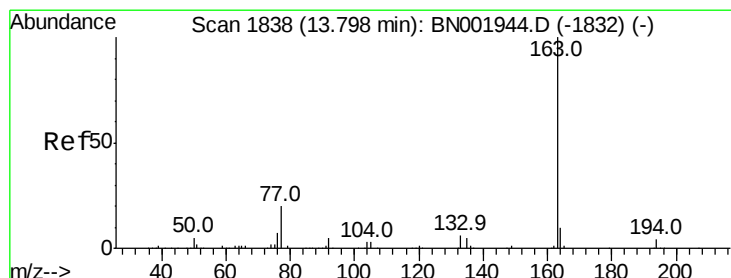
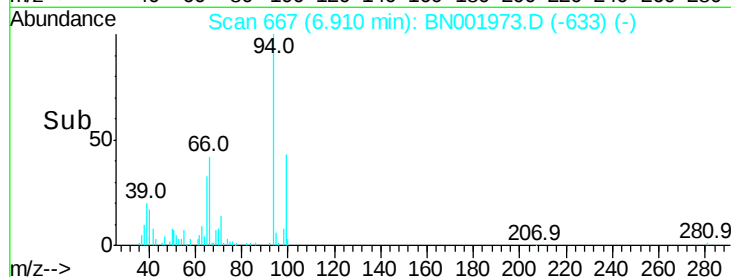
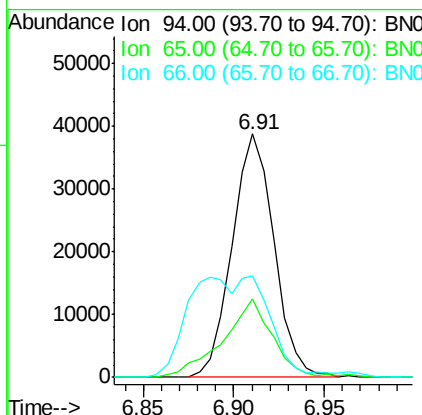
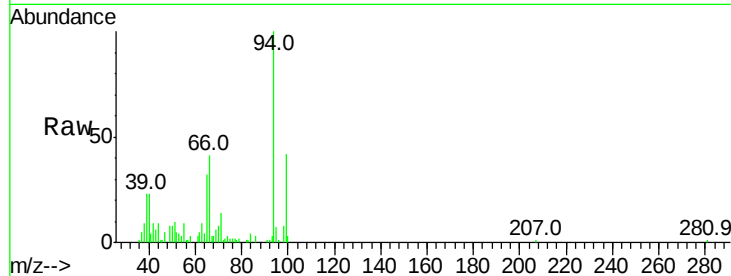
#6

Phenol

Concen: 1.042 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

Tot Ion: 94 Resp: 62379
 Ion Ratio Lower Upper
 94 100
 65 32.4 23.0 34.6
 66 41.5 30.4 45.6

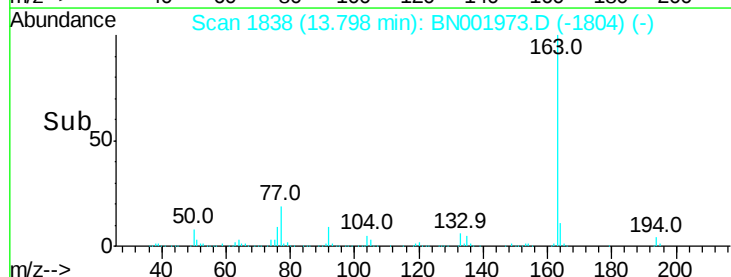
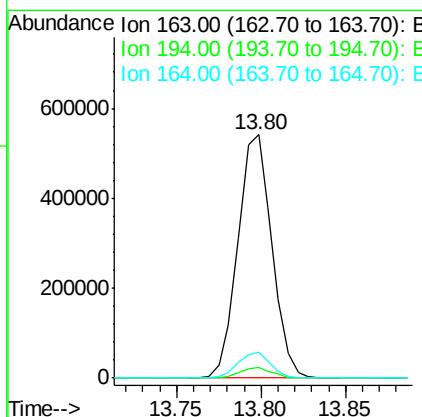
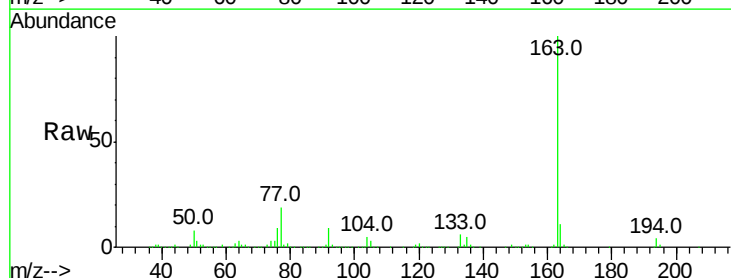


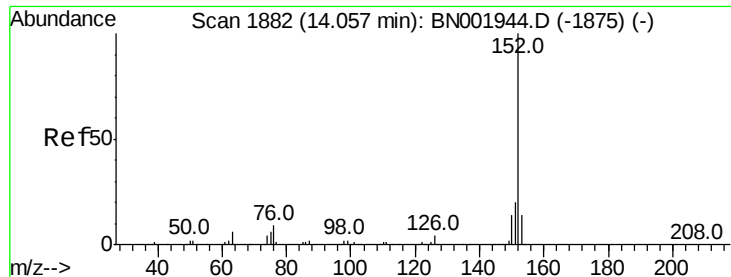
#44

Dimethylphthalate

Concen: 5.213 ng/ul
 RT: 13.80 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Tgt Ion: 163 Resp: 756604
 Ion Ratio Lower Upper
 163 100
 194 4.4 4.0 6.0
 164 10.5 8.4 12.6





#47

Acenaphthylene

Concen: 3.267 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

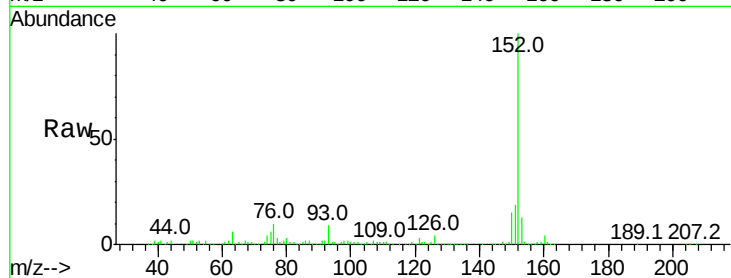
BNA_N

ClientSampleId :

F1H22DL

Tot Ion:152 Resp: 574995

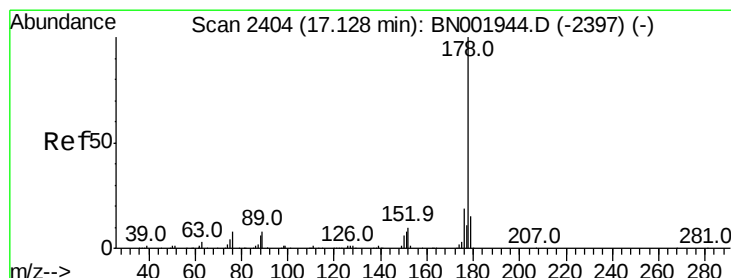
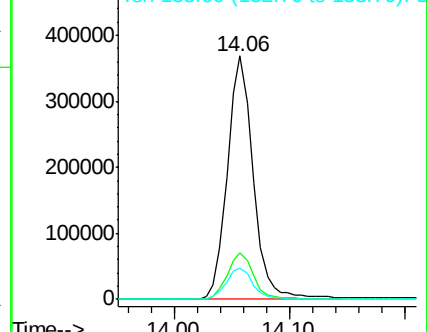
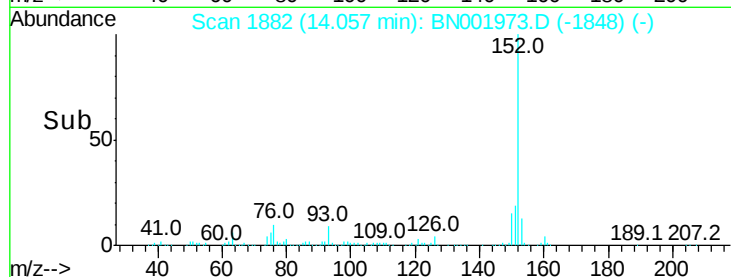
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	13.0	10.8	16.2



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: 1.620 ng/ul

RT: 17.12 min Scan# 2403

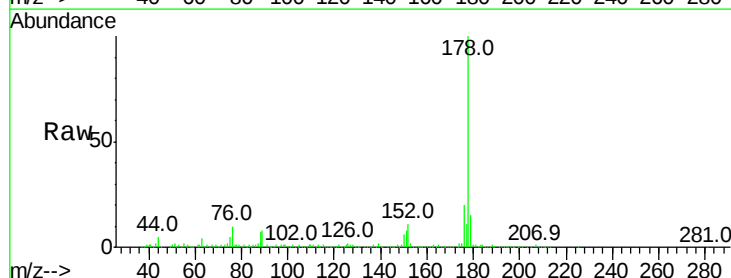
Delta R.T. -0.01 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Tgt Ion:178 Resp: 337318

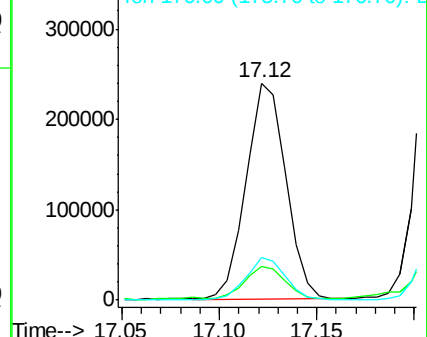
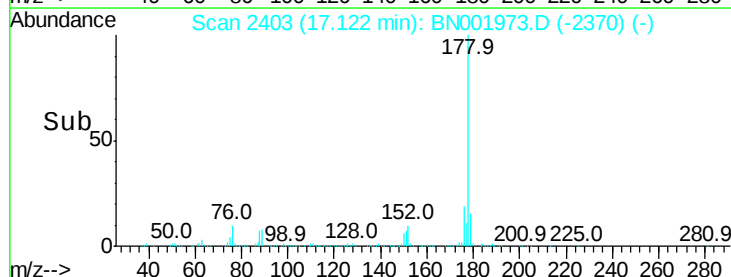
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.5	15.4	23.0

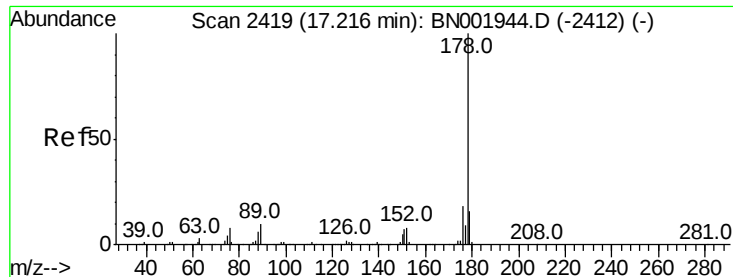


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

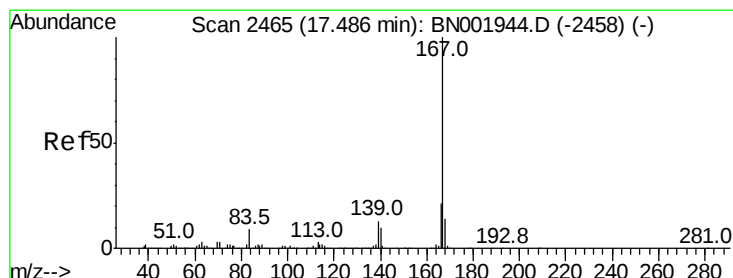
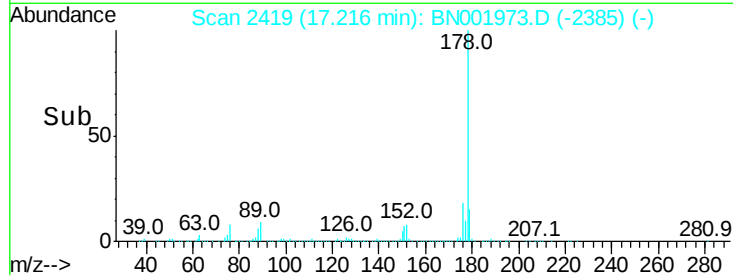
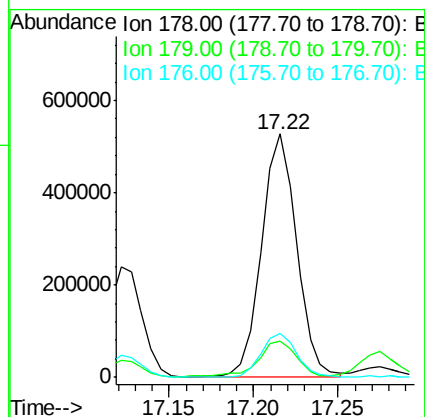
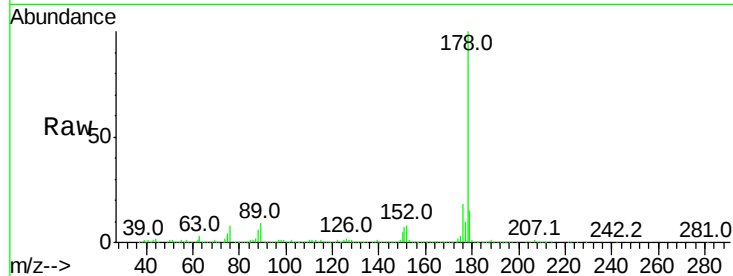




#71
 Anthracene
 Concen: 3.570 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

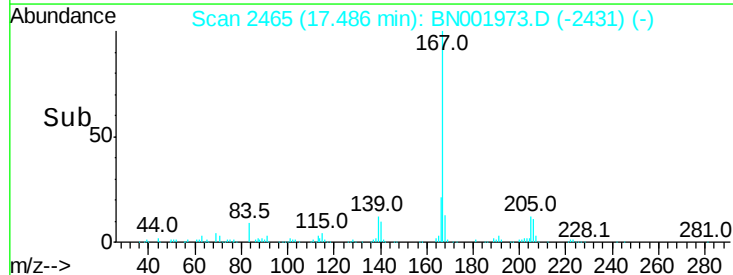
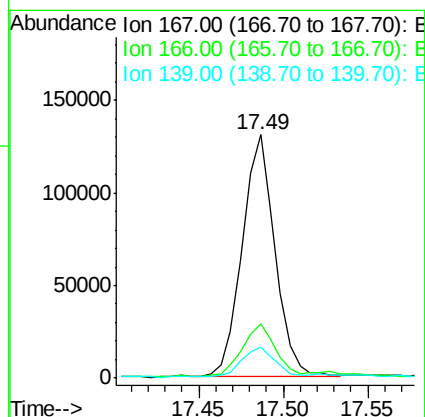
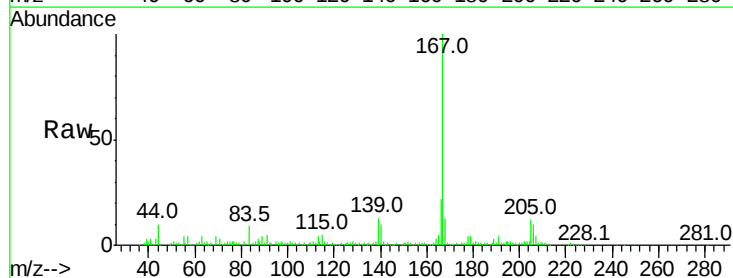
Instrument :
 BNA_N
 ClientSampleId :
 F1H22DL

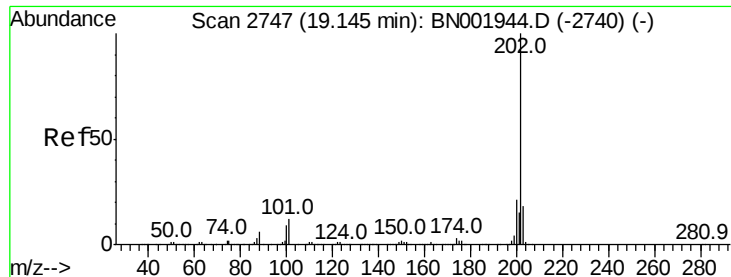
Tot Ion:178 Resp: 752160
 Ion Ratio Lower Upper
 178 100
 179 15.0 13.4 20.2
 176 18.2 15.4 23.0



#72
 Carbazole
 Concen: 1.001 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001973.D
 Acq: 05 Jul 2018 18:30

Tgt Ion:167 Resp: 176614
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.4
 139 13.0 9.1 13.7





#74

Fluoranthene

Concen: 22.333 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

F1H22DL

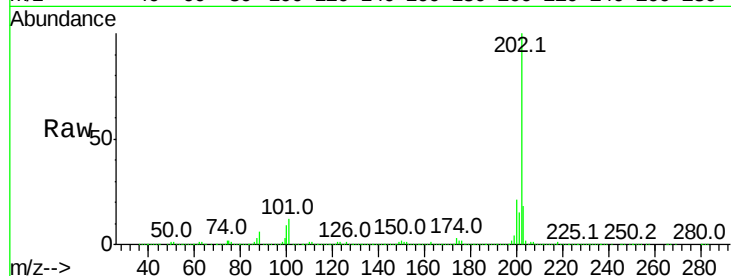
Tot Ion:202 Resp: 4886687

Ion Ratio Lower Upper

202 100

101 11.8 6.1 9.1#

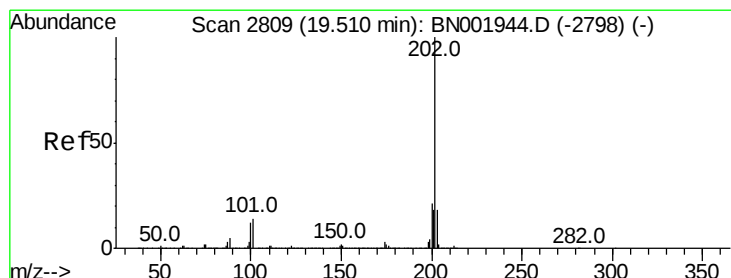
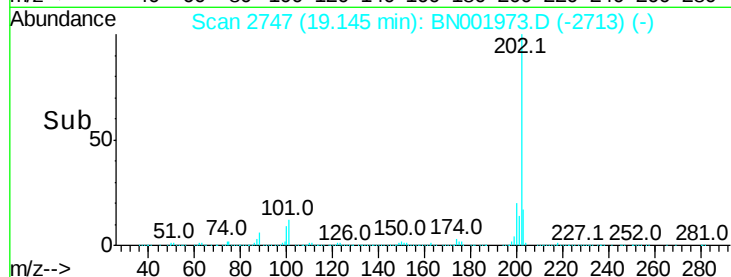
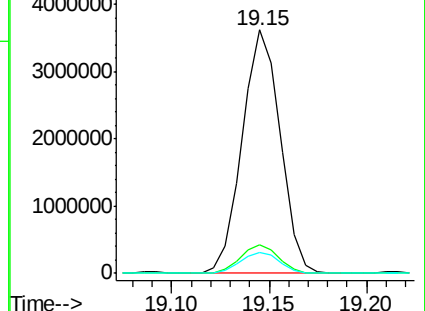
100 8.7 4.6 7.0#



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: 46.119 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

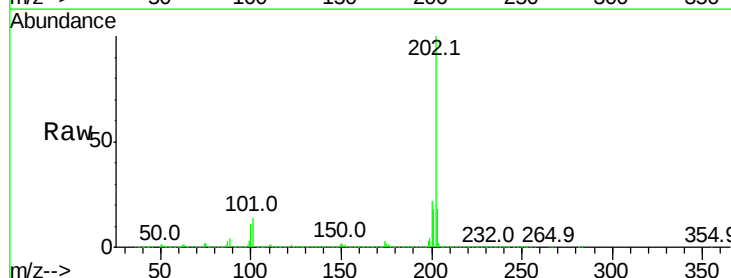
Tgt Ion:202 Resp: 8353356

Ion Ratio Lower Upper

202 100

101 13.7 6.9 10.3#

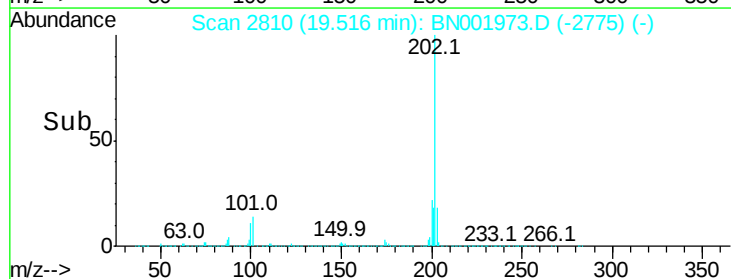
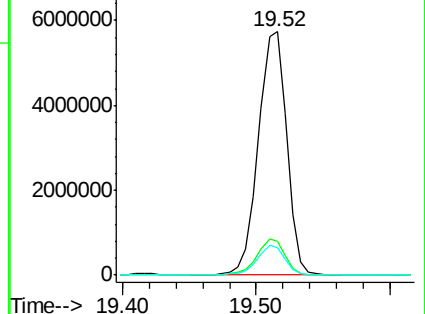
100 11.3 5.6 8.4#

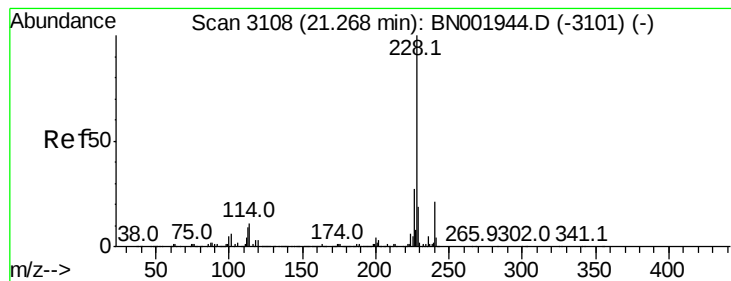


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 23.807 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. 0.00 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

BNA_N

ClientSampleId :

F1H22DL

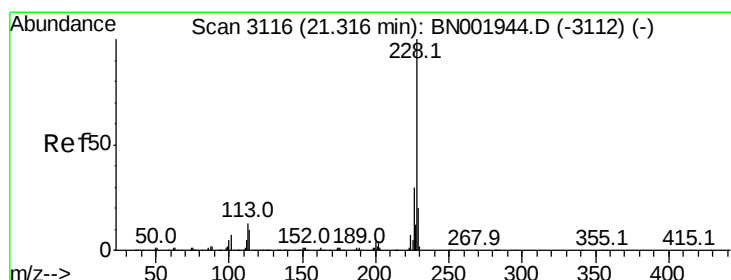
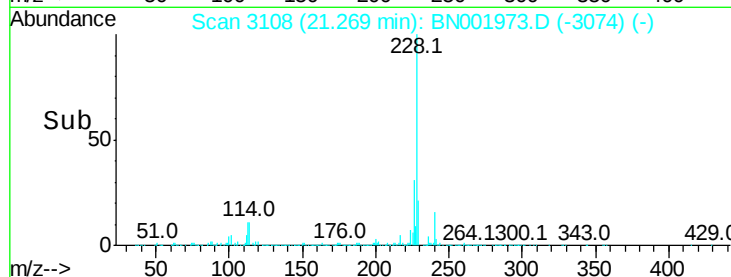
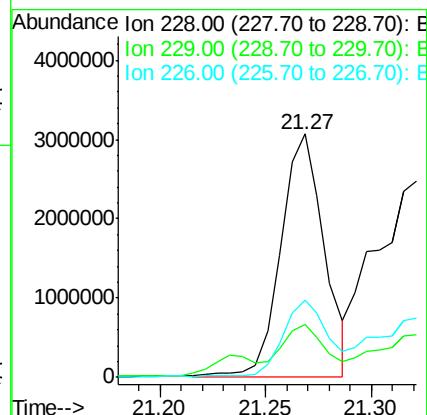
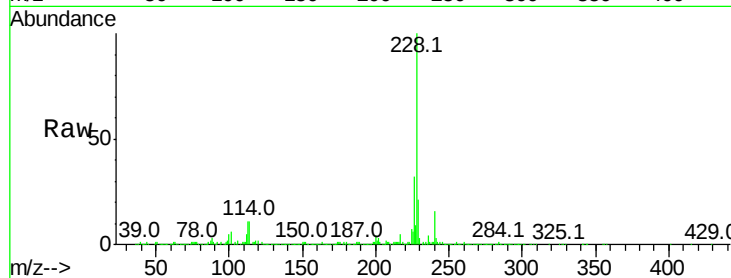
Tot Ion:228 Resp: 4354800

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.0	24.0
226	31.6	21.8	32.8

228 100

229 21.5 16.0 24.0

226 31.6 21.8 32.8



#82

Chrysene

Concen: 18.327 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

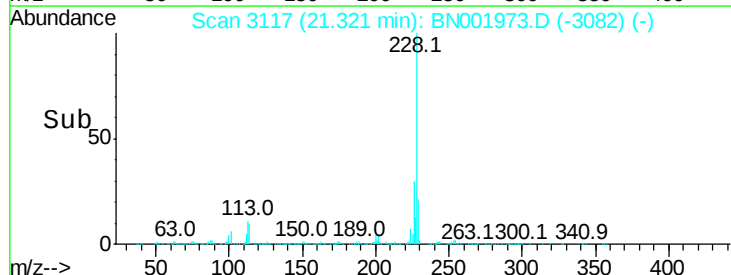
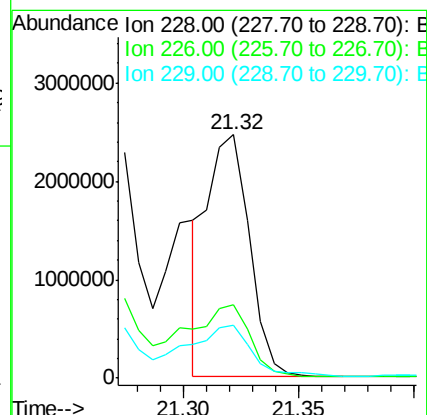
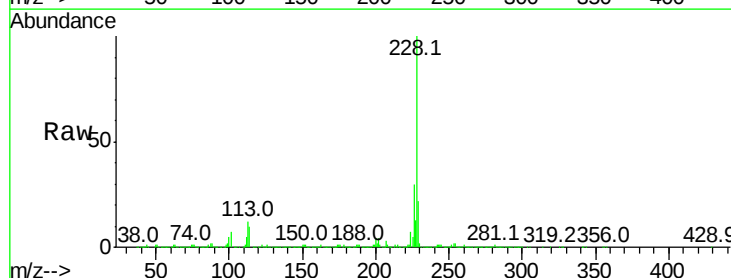
Tgt Ion:228 Resp: 3119197

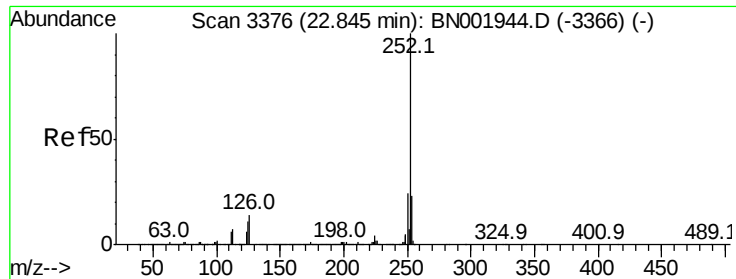
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.9	16.0	24.0

228 100

226 30.0 24.1 36.1

229 21.9 16.0 24.0

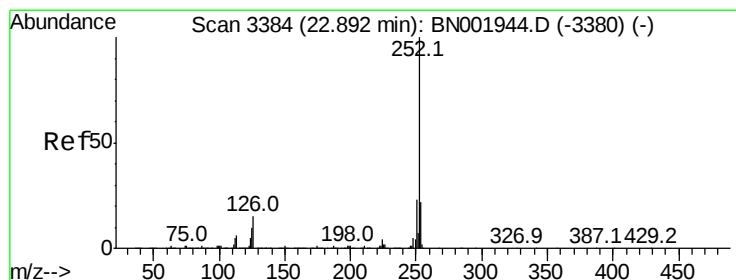
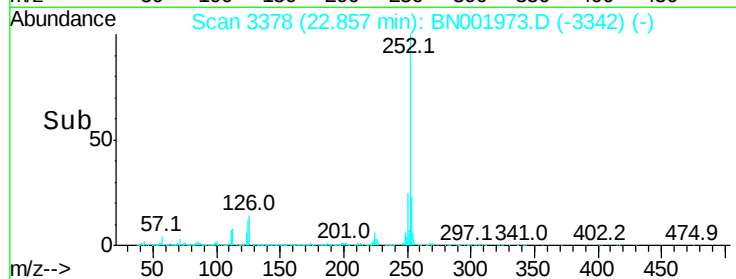
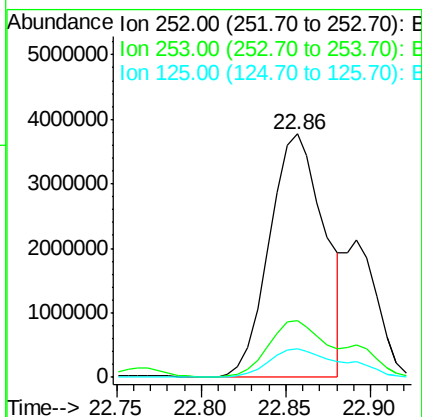
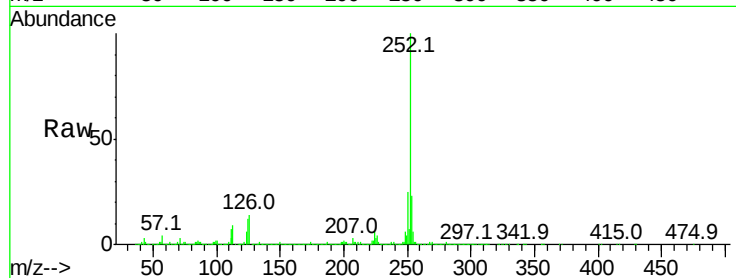




#85
Benzo(b)fluoranthene
Concen: 53.687 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

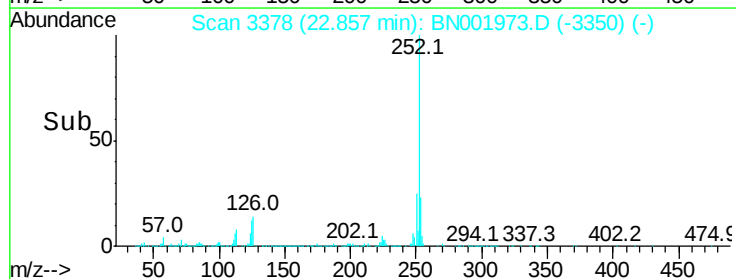
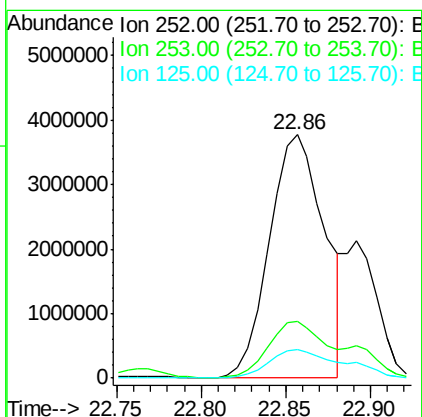
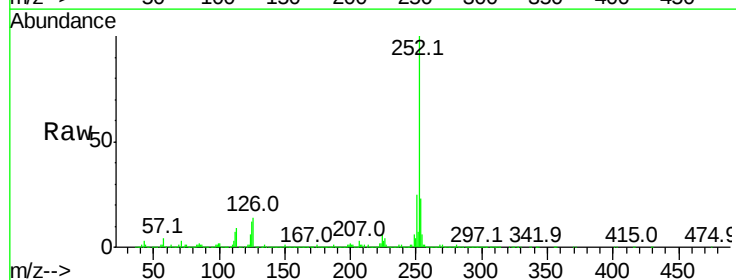
Instrument :
BNA_N
ClientSampleId :
F1H22DL

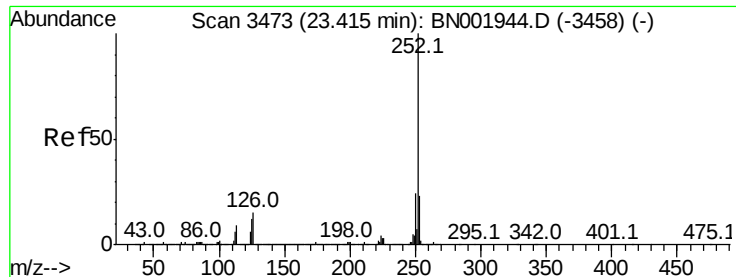
Tot Ion:252 Resp: 8483409
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 11.8 4.9 7.3#



#86
Benzo(k)fluoranthene
Concen: 55.364 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion:252 Resp: 8483409
Ion Ratio Lower Upper
252 100
253 23.4 17.1 25.7
125 11.8 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 32.303 ng/ul

RT: 23.42 min Scan# 3474

Delta R.T. 0.01 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Instrument :

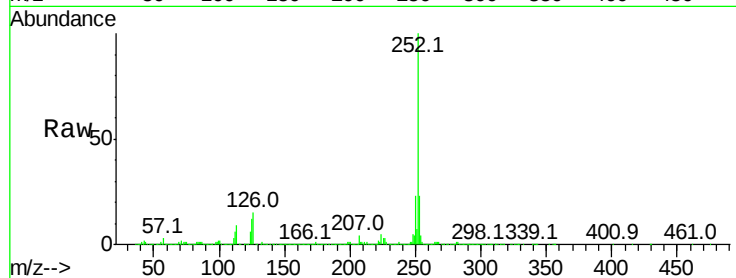
BNA_N

ClientSampleId :

F1H22DL

Tot Ion:252 Resp: 4769928

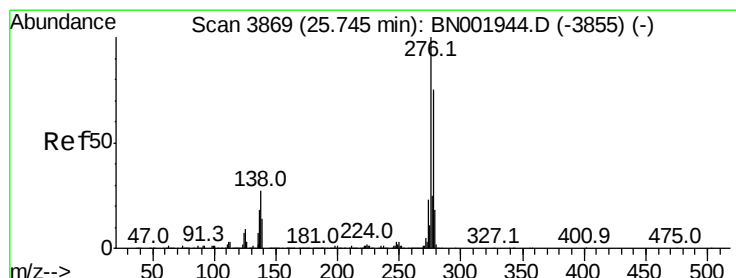
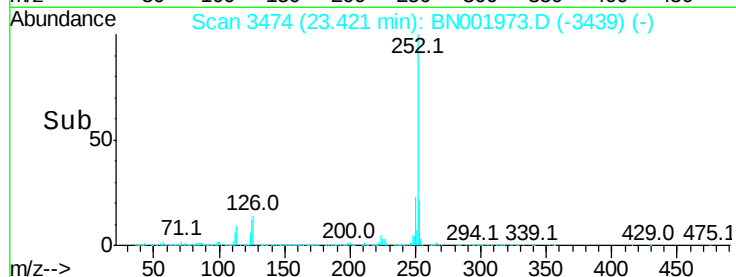
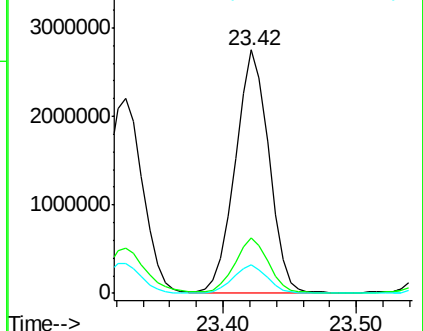
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.7	5.8	8.6#



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: 20.595 ng/ul

RT: 25.75 min Scan# 3870

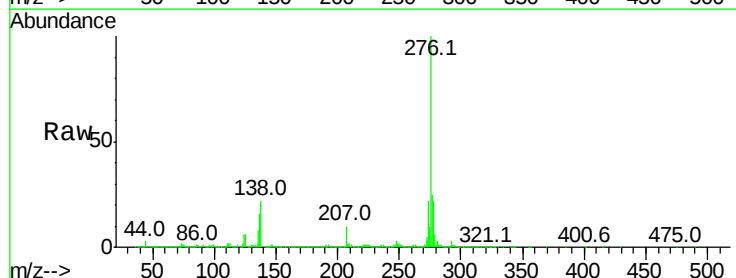
Delta R.T. 0.01 min

Lab File: BN001973.D

Acq: 05 Jul 2018 18:30

Tgt Ion:276 Resp: 3236045

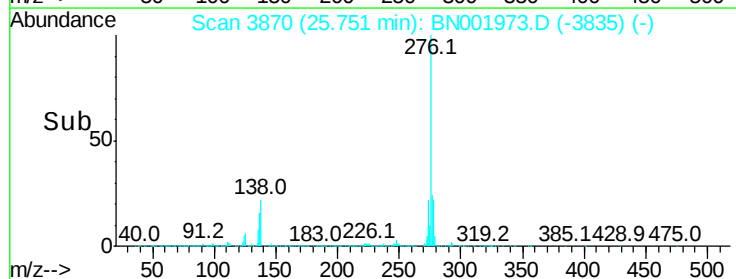
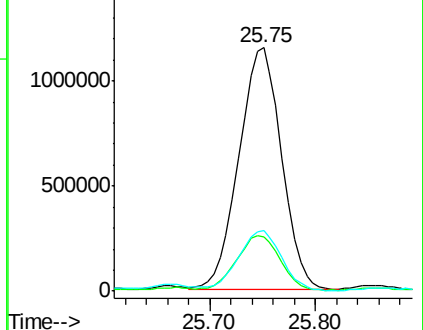
Ion	Ratio	Lower	Upper
276	100		
138	22.1	10.9	16.3#
277	24.7	18.9	28.3

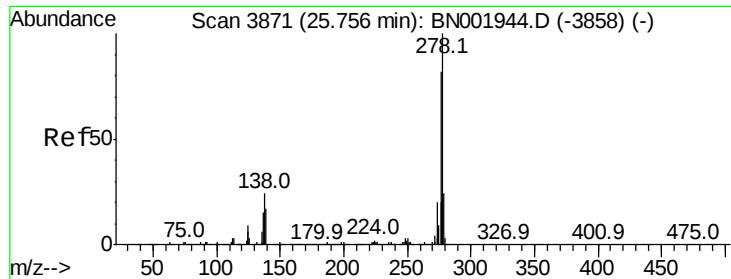


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

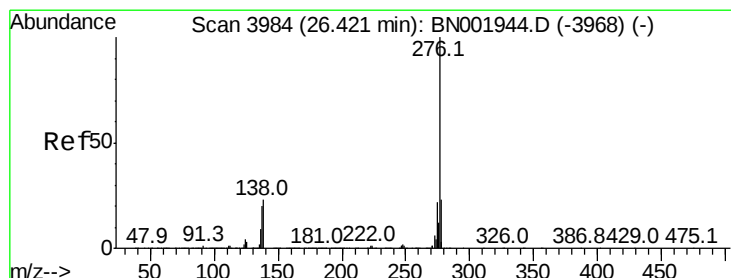
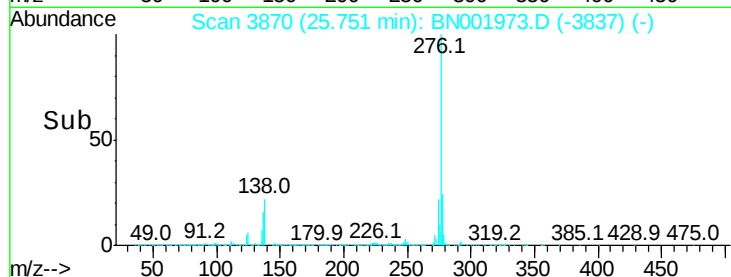
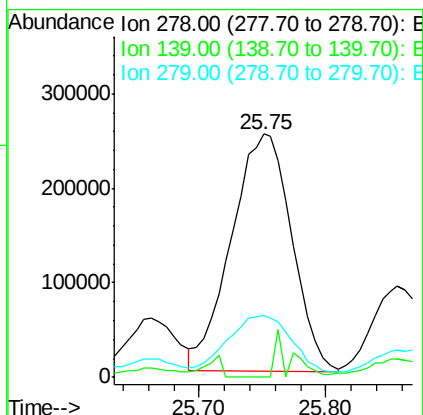
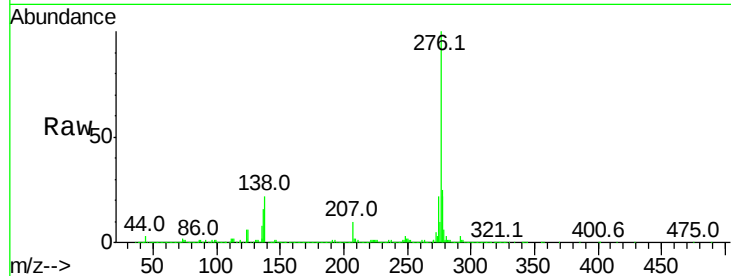




#90
Dibenzo(a,h)anthracene
Concen: 6.346 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Instrument :
BNA_N
ClientSampleId :
F1H22DL

Tot Ion:278 Resp: 829864
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 25.3 19.1 28.7



#91
Benzo(g,h,i)perylene
Concen: 19.889 ng/ul
RT: 26.43 min Scan# 3986
Delta R.T. 0.01 min
Lab File: BN001973.D
Acq: 05 Jul 2018 18:30

Tgt Ion:276 Resp: 2577937
Ion Ratio Lower Upper
276 100
138 23.2 11.2 16.8#
277 23.7 19.0 28.6

