

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000673.D
 Acq On : 28 Mar 2018 23:12
 Operator : JU/SJ
 Sample : J2059-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK2

Quant Time: Mar 29 08:45:09 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 29 08:42:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	204645	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	900764	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	492417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	1001344	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	843996	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	620949	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	24078	4.20	ng/uL	0.00
5) Phenol-d5	7.55	99	123101	6.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	336107	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	335822	23.26	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	228116	15.34	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	212440	29.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	227222	29.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	356265	26.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	22229	1.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	1176360	30.24	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1532495	29.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	31610	4.38	ng/ul	0.01
57) Fluorene-d10	16.01	176	991101	29.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	123817	21.59	ng/ul	0.00
70) Anthracene-d10	17.85	188	1440372	29.93	ng/ul	0.00
76) Pyrene-d10	20.11	212	1444536	31.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	901205	30.75	ng/ul	0.00

Target Compounds

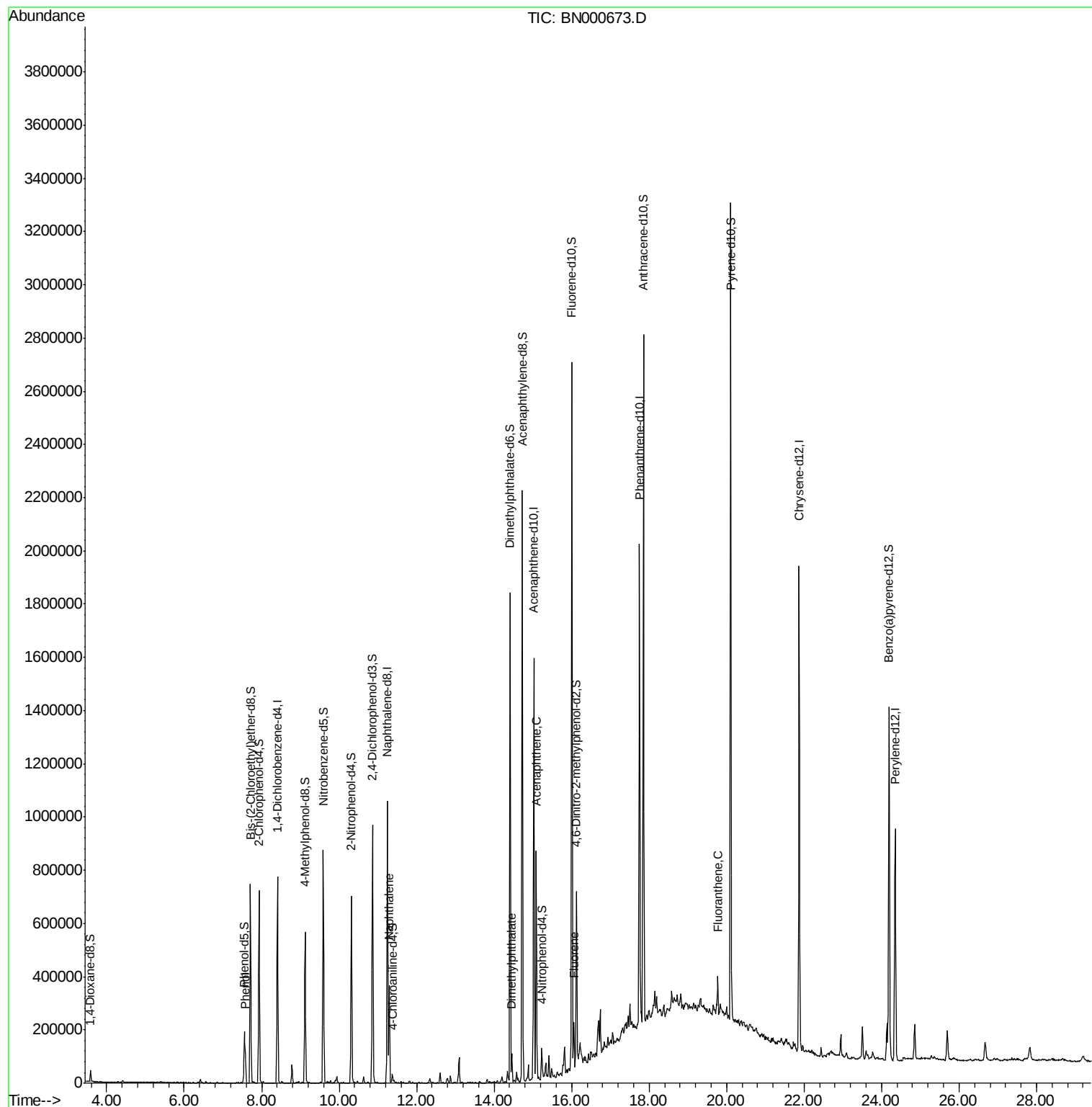
					Qvalue	
6) Phenol	7.58	94	60827	3.123	ng/ul	95
28) Naphthalene	11.30	128	297312	6.285	ng/ul	99
44) Dimethylphthalate	14.46	163	51960	1.350	ng/ul#	98
49) Acenaphthene	15.09	153	329837	9.622	ng/ul	100
58) Fluorene	16.06	166	68879	1.862	ng/ul	99
74) Fluoranthene	19.78	202	74716	1.303	ng/ul#	82

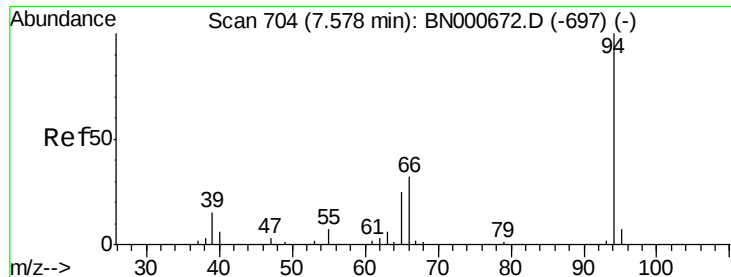
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.123 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

Instrument :

BNA_N

ClientSampleId :

C0AK2

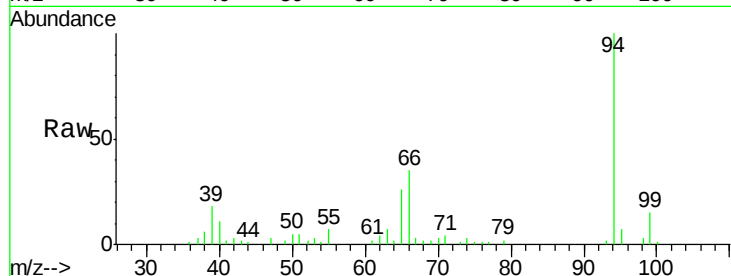
Tgt Ion: 94 Resp: 60827

Ion Ratio Lower Upper

94 100

65 25.9 23.0 34.6

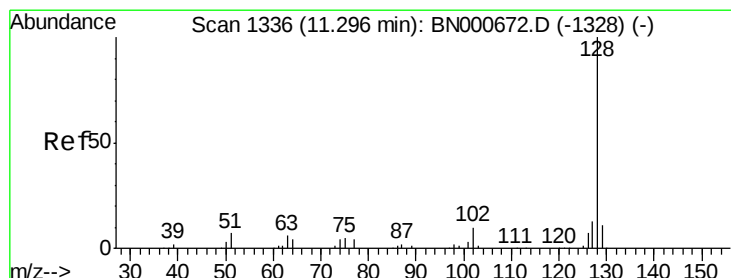
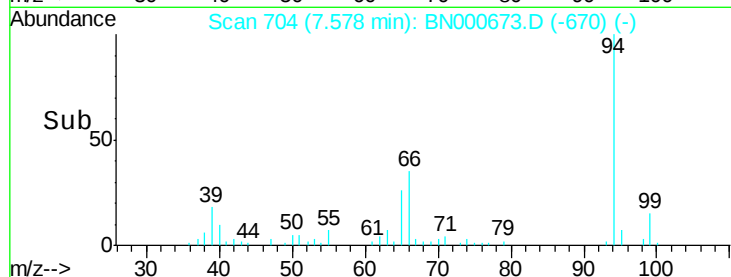
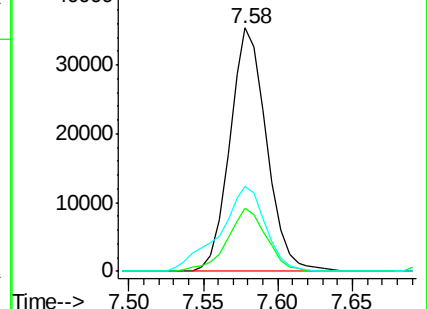
66 35.1 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN000672.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BN000672.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BN000672.D (-697) (-)



#28

Naphthalene

Concen: 6.285 ng/ul

RT: 11.30 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

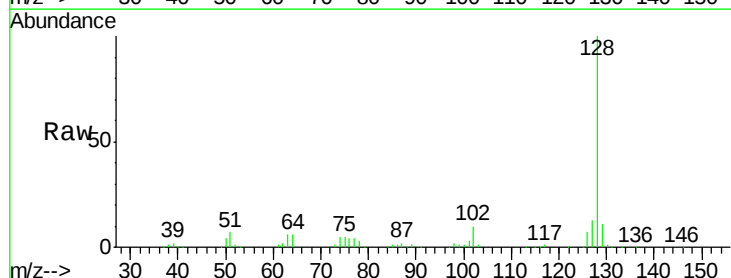
Tgt Ion: 128 Resp: 297312

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

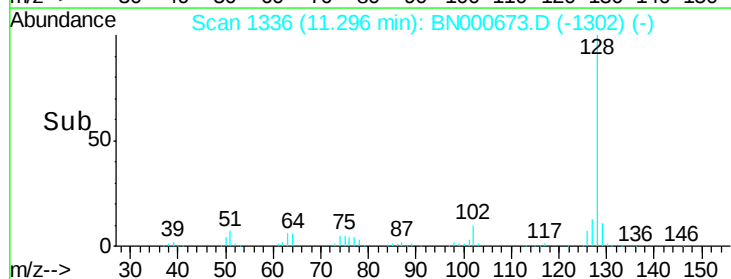
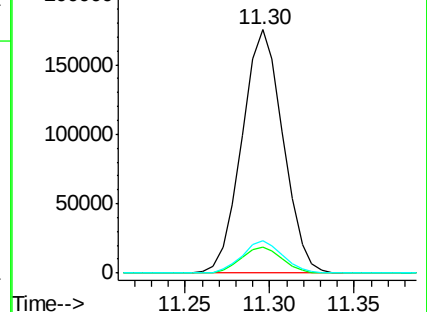
127 13.1 10.8 16.2

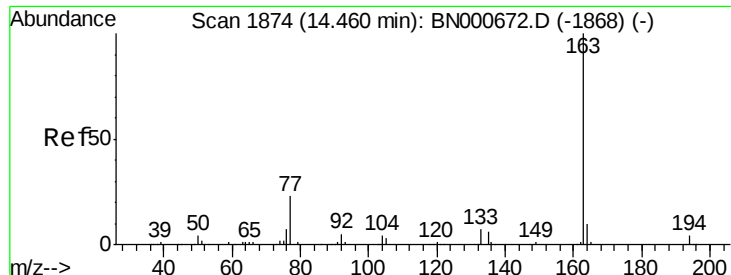


Abundance Ion 128.00 (127.70 to 128.70): BN000672.D (-1328) (-)

Ion 129.00 (128.70 to 129.70): BN000672.D (-1328) (-)

Ion 127.00 (126.70 to 127.70): BN000672.D (-1328) (-)





#44

Dimethylphthalate

Concen: 1.350 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

Instrument :

BNA_N

ClientSampleId :

C0AK2

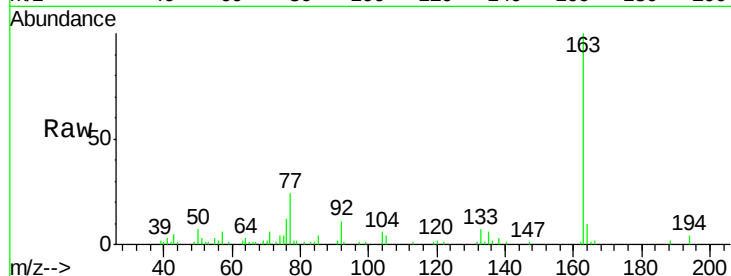
Tgt Ion:163 Resp: 51960

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

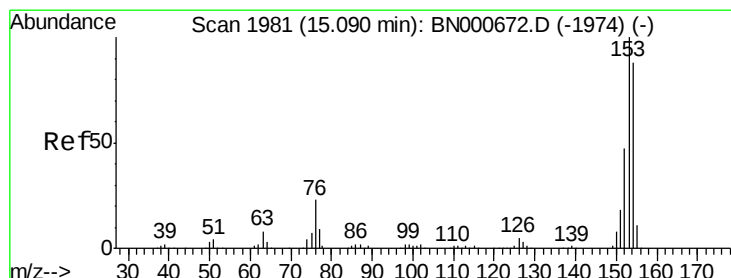
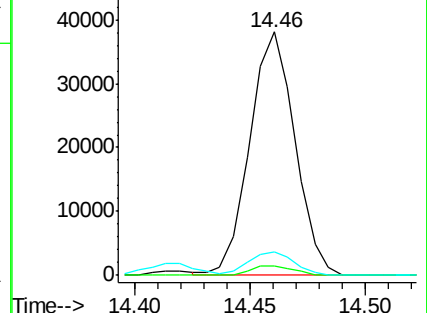
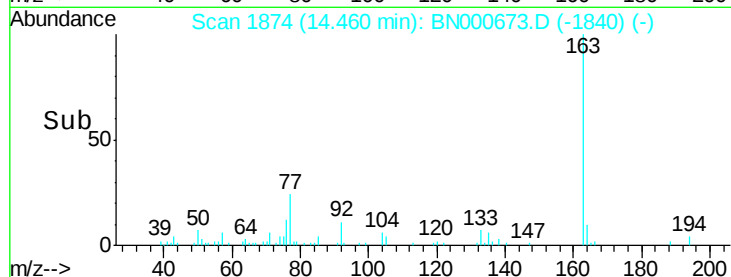
164 9.8 8.4 12.6



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



#49

Acenaphthene

Concen: 9.622 ng/ul

RT: 15.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

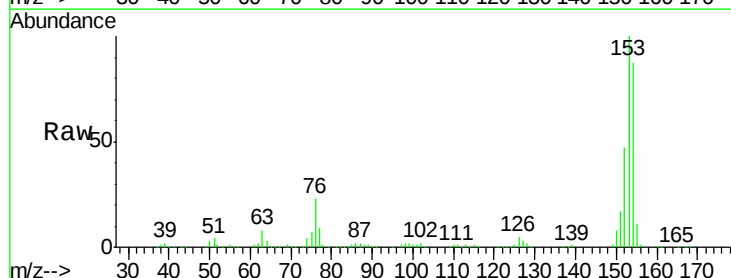
Tgt Ion:153 Resp: 329837

Ion Ratio Lower Upper

153 100

152 47.1 37.9 56.9

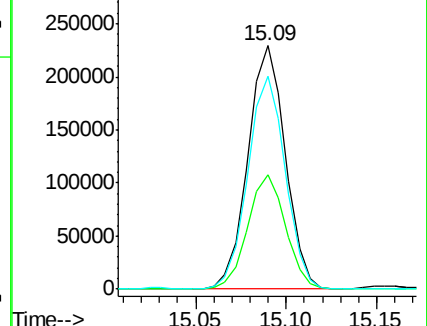
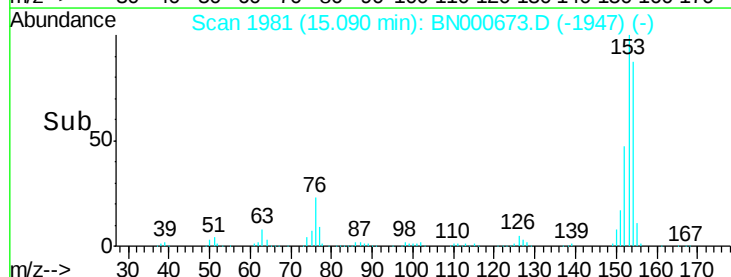
154 87.4 69.8 104.6

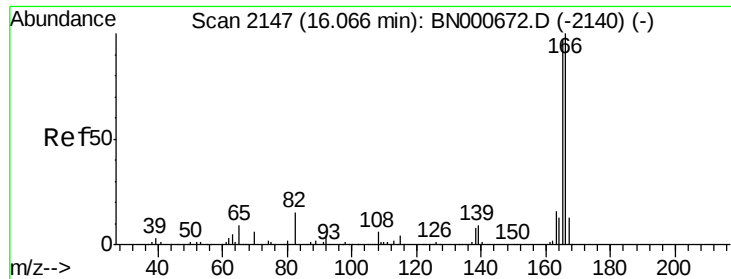


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#58

Fluorene

Concen: 1.862 ng/ul

RT: 16.06 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

Instrument :

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C0AK2

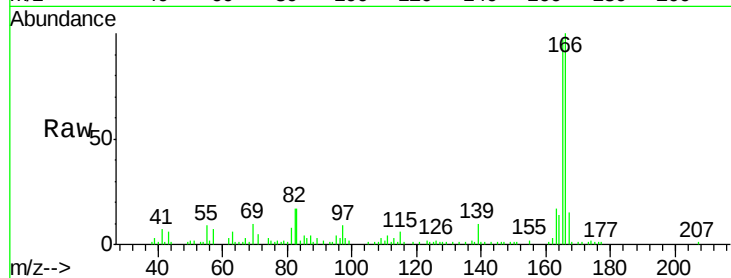
Tgt Ion:166 Resp: 68879

Ion Ratio Lower Upper

166 100

165 97.0 78.4 117.6

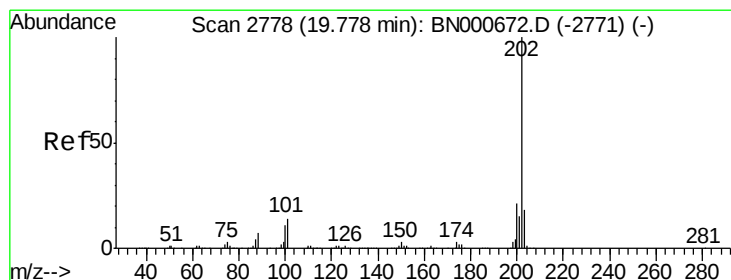
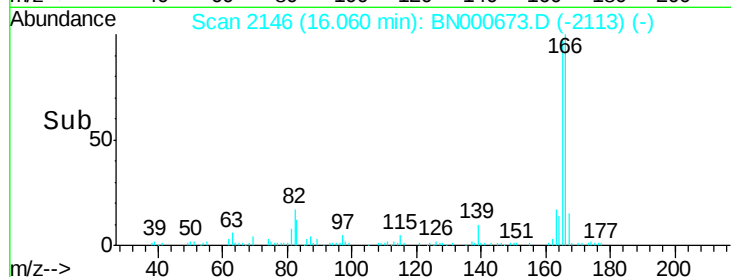
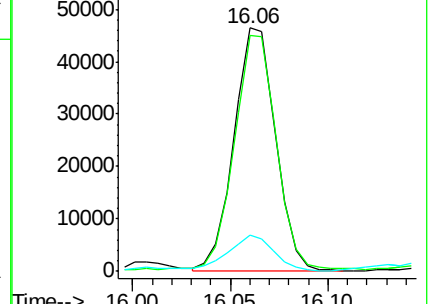
167 15.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#74

Fluoranthene

Concen: 1.303 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000673.D

Acq: 28 Mar 2018 23:12

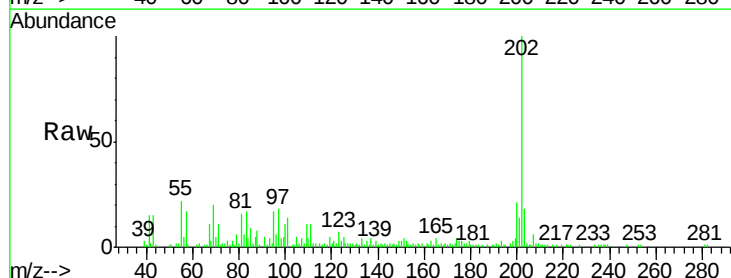
Tgt Ion:202 Resp: 74716

Ion Ratio Lower Upper

202 100

101 14.3 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

