

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
 Data File : BM017011.D
 Acq On : 04 Oct 2018 22:01
 Operator : MJ/SJ
 Sample : J5157-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 04:52:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 04:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	233405	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1005310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	540081	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	1187025	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1249411	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1310794	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	33717	7.18	ng/uL	0.00
5) Phenol-d5	6.87	99	780997	40.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	517205	43.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	691056	42.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	640444	41.89	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	339844	46.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	353442	47.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	640192	41.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	870126	47.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	2061155	48.10	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	2606943	47.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	234711	28.99	ng/ul	0.00
58) Fluorene-d10	15.33	176	1811010	47.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	197106	28.16	ng/ul	0.00
71) Anthracene-d10	17.19	188	2749138	48.49	ng/ul	0.00
79) Pyrene-d10	19.49	212	3026532	53.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	3434817	51.18	ng/ul	0.00

Target Compounds

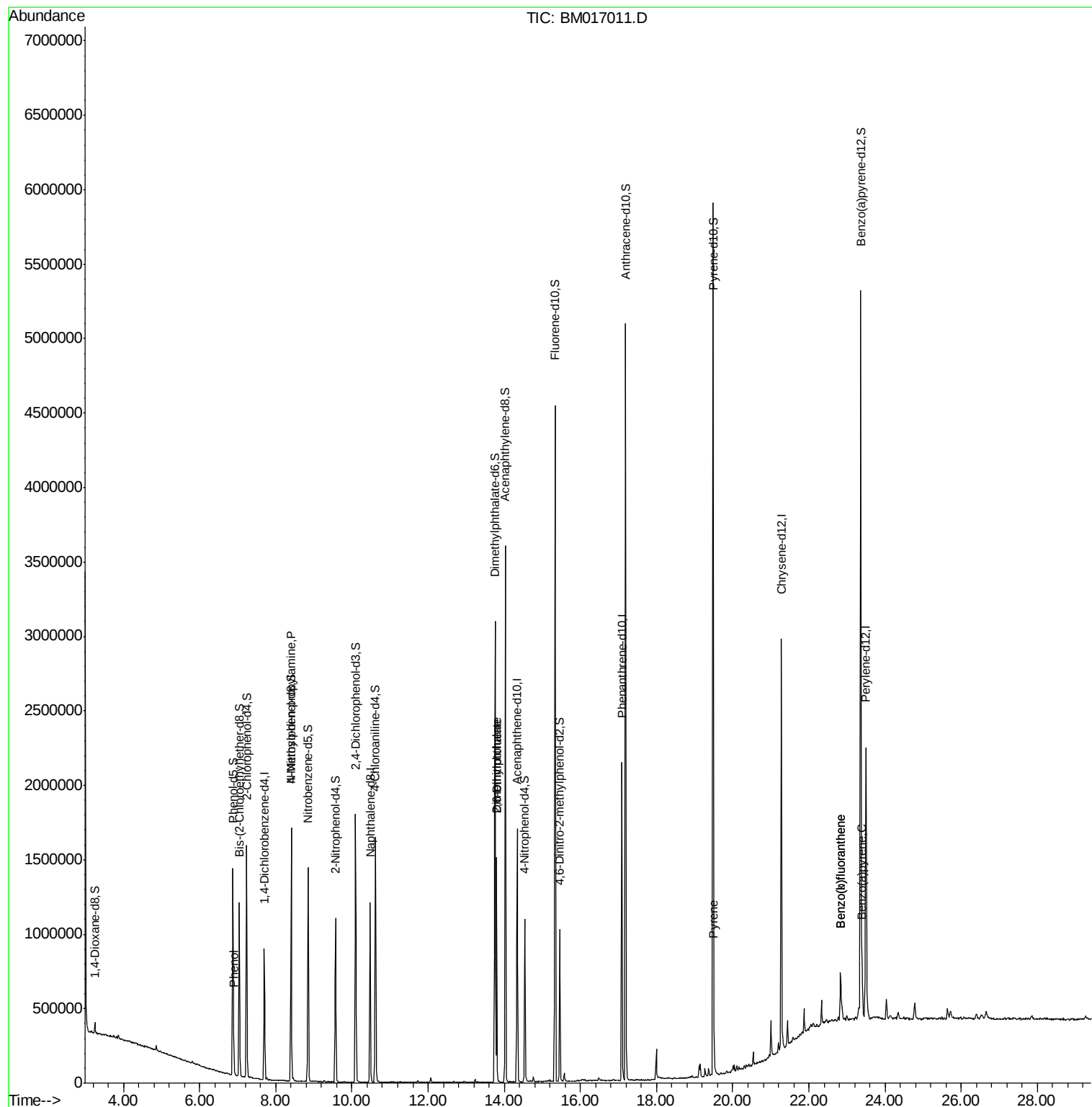
					Ovalue	
6) Phenol	6.90	94	50008	2.562	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	15441	1.365	ng/ul#	1
45) Dimethylphthalate	13.80	163	963247	22.702	ng/ul	99
46) 2,6-Dinitrotoluene	13.80	165	10258	1.436	ng/ul#	56
80) Pyrene	19.51	202	116441	1.608	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	149165	1.911	ng/ul#	93
89) Benzo(k)fluoranthene	22.83	252	149165	1.989	ng/ul#	93
91) Benzo(a)pyrene	23.40	252	89825	1.194	ng/ul#	95

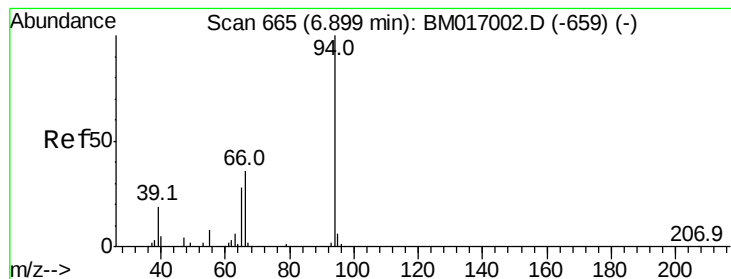
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.562 ng/ul

RT: 6.90 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM017011.D

Acq: 04 Oct 2018 22:01

Instrument :

BNA_M

ClientSampleId :

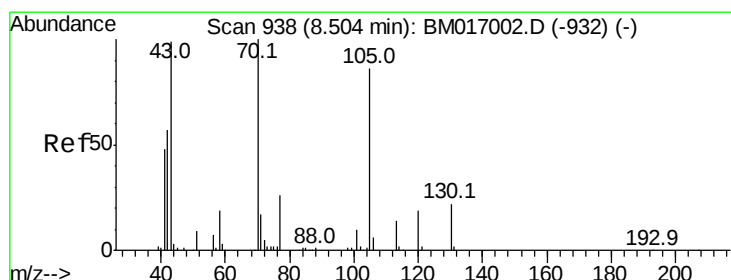
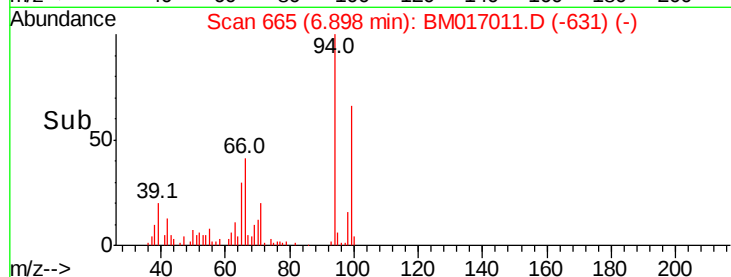
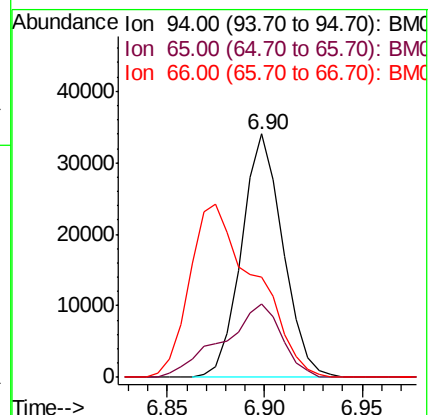
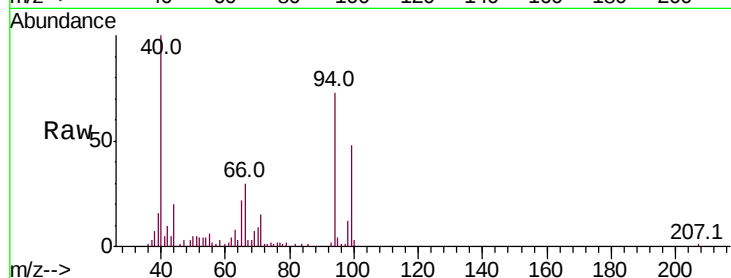
Tot Ion: 94 Resp: 50008

Ion Ratio Lower Upper

94 100

65 30.3 22.8 34.2

66 41.1 29.5 44.3



#15

N-Nitroso-di-n-propylamine

Concen: 1.365 ng/ul

RT: 8.40 min Scan# 920

Delta R.T. -0.11 min

Lab File: BM017011.D

Acq: 04 Oct 2018 22:01

Tgt Ion: 70 Resp: 15441

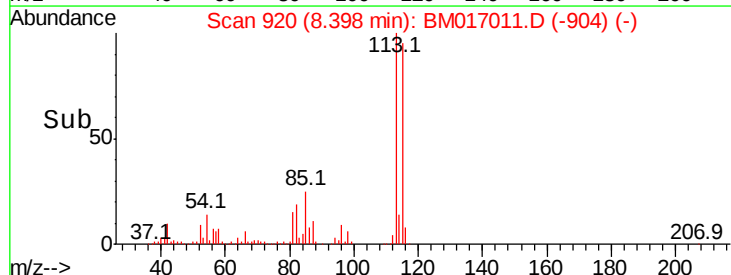
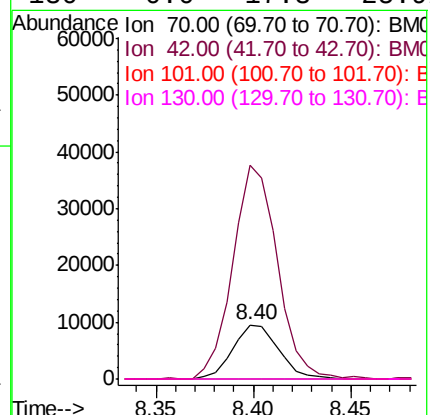
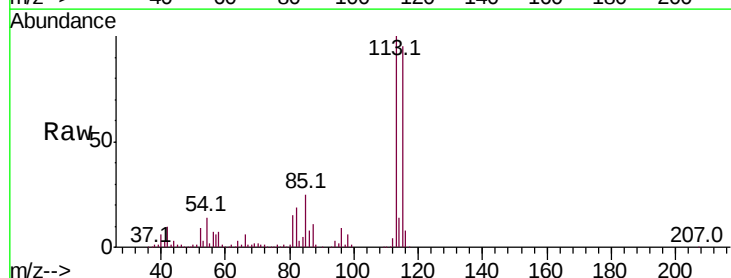
Ion Ratio Lower Upper

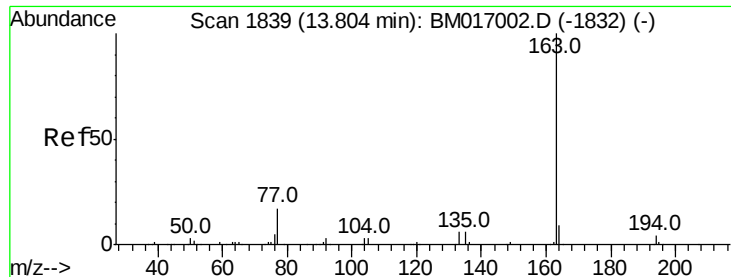
70 100

42 393.5 45.1 67.7#

101 0.0 7.5 11.3#

130 0.0 17.3 25.9#





#45

Dimethylphthalate

Concen: 22.702 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BM017011.D

Acq: 04 Oct 2018 22:01

Instrument :

BNA_M

ClientSampleId :

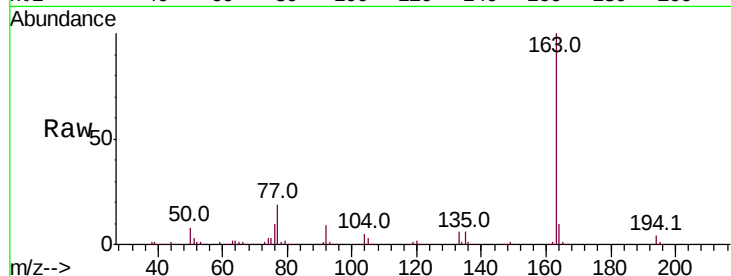
Tot Ion:163 Resp: 963247

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

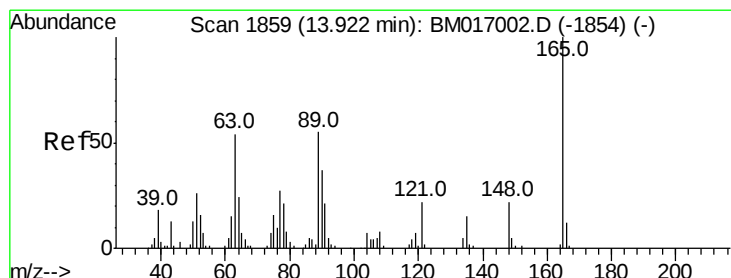
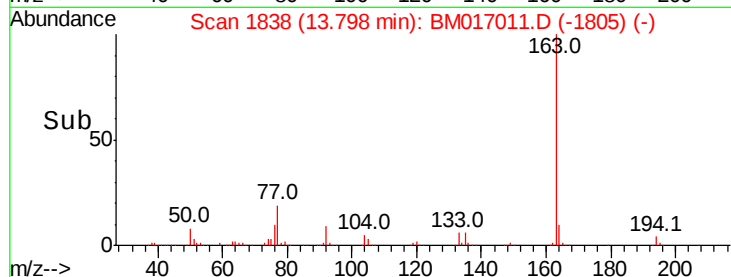
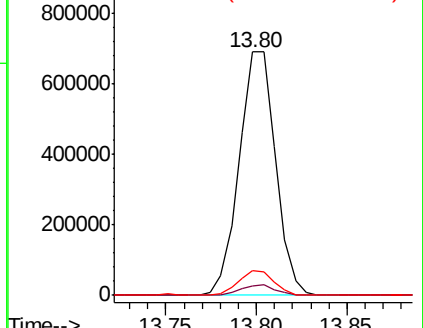
164 10.3 8.0 12.0



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



#46

2,6-Dinitrotoluene

Concen: 1.436 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.12 min

Lab File: BM017011.D

Acq: 04 Oct 2018 22:01

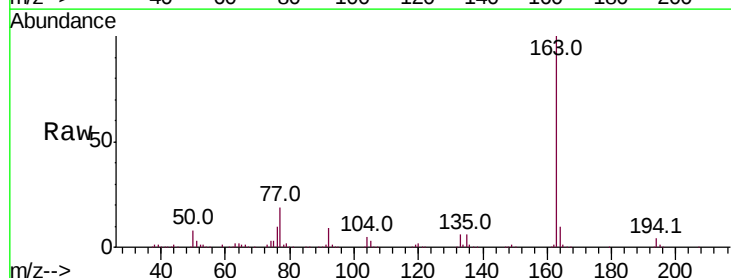
Tgt Ion:165 Resp: 10258

Ion Ratio Lower Upper

165 100

89 12.0 43.0 64.6#

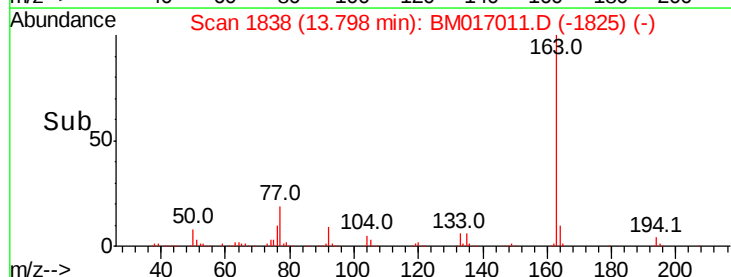
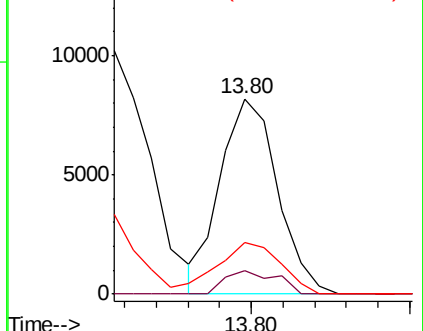
121 26.6 18.0 27.0

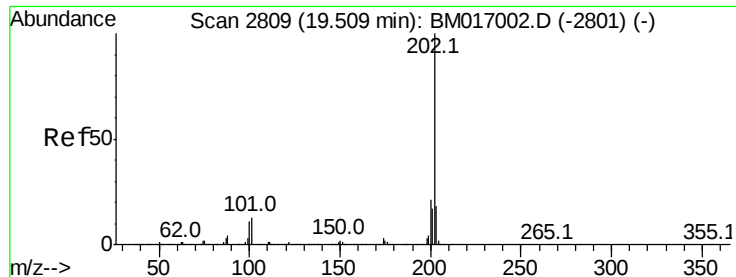


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

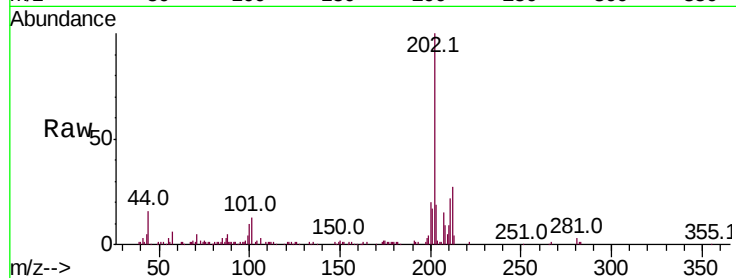




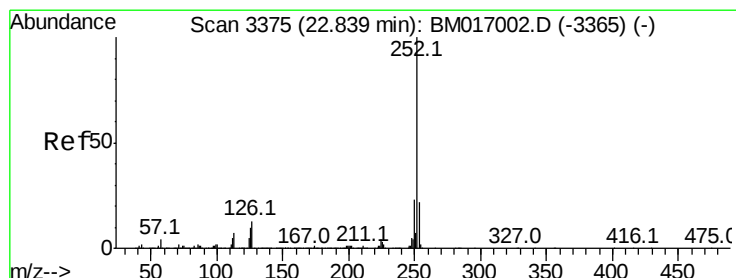
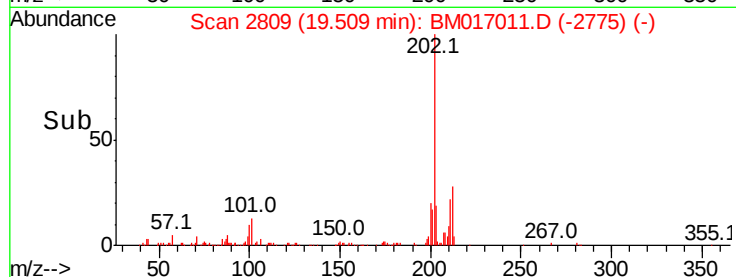
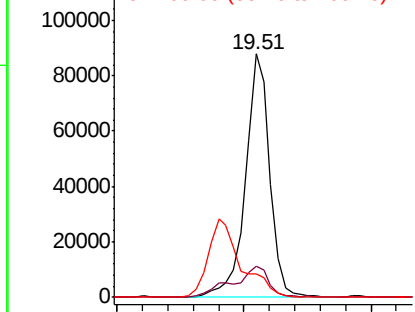
#80
Pvrene
Concen: 1.608 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM017011.D
Acq: 04 Oct 2018 22:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.8	16.2
100	9.9	8.9	13.3

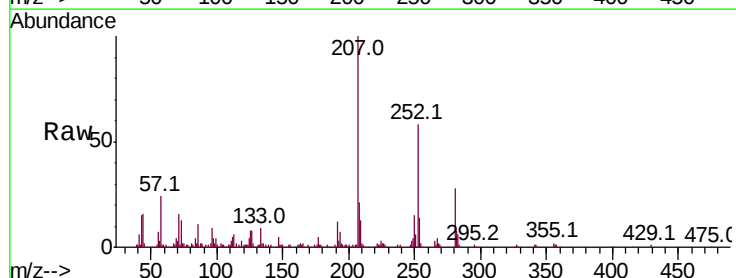


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

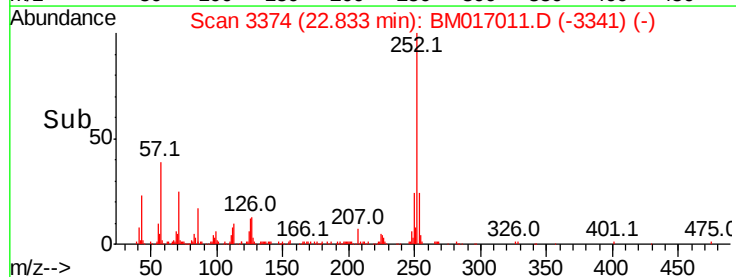
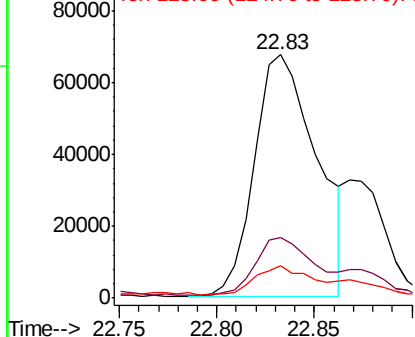


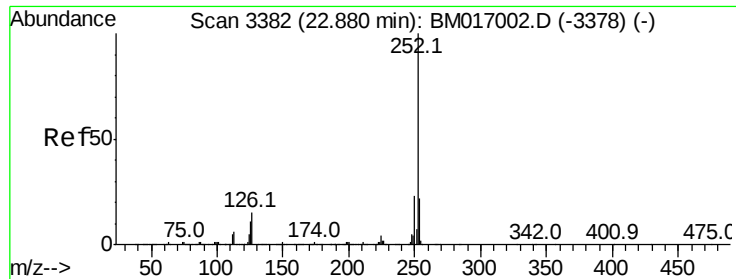
#88
Benzo(b)fluoranthene
Concen: 1.911 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM017011.D
Acq: 04 Oct 2018 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.3	25.9
125	13.5	8.2	12.4



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

Benzo(k)fluoranthene

Concen: 1.989 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.05 min

Lab File: BM017011.D

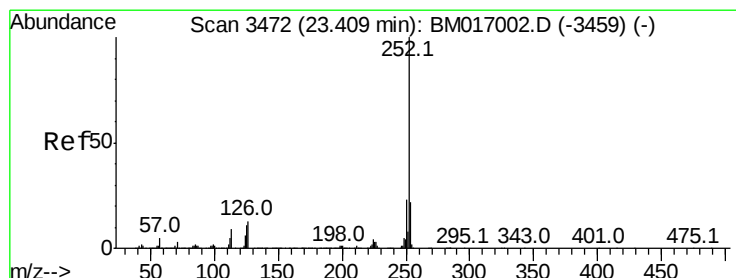
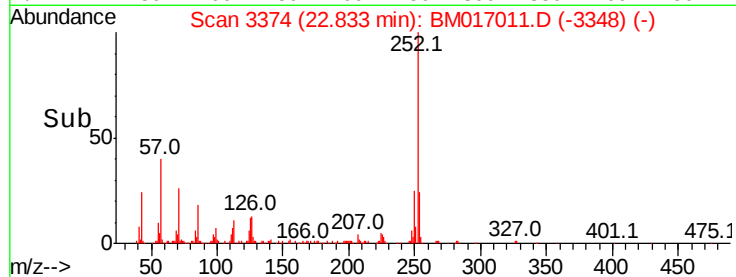
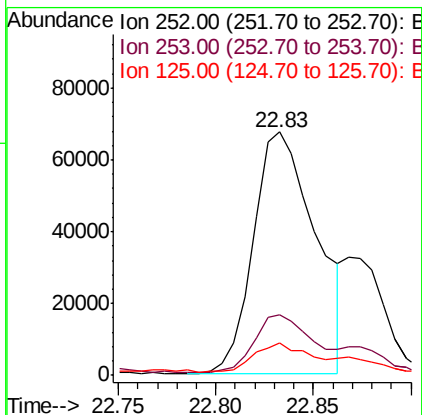
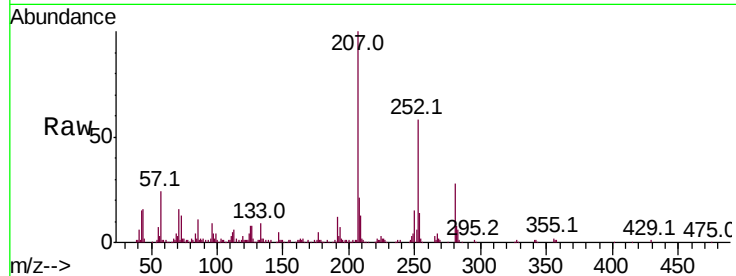
Acq: 04 Oct 2018 22:01

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	149165
Ion Ratio	Lower	Upper
252	100	
253	24.6	17.5 26.3
125	13.5	8.2 12.4#



#91

Benzo(a)pyrene

Concen: 1.194 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017011.D

Acq: 04 Oct 2018 22:01

Tgt Ion:252	Resp:	89825
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.0 25.4
125	13.8	9.0 13.6#

