

Data File : BM018041.D
Acq On : 11 Dec 2018 01:20
Operator : JU/SJ
Sample : J6077-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y31

Quant Time: Dec 11 06:47:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	233678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	976015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	504290	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	978585	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	800335	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	850113	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	16772	3.28	ng/uL	0.00
5) Phenol-d5	6.75	99	376109	17.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	225790	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	331773	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	293747	16.85	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	156197	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	180238	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	314242	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	120378	8.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	943495	21.56	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1155073	21.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	91255	11.47	ng/ul	0.01
57) Fluorene-d10	15.20	176	775797	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	91677	13.10	ng/ul	0.00
70) Anthracene-d10	17.06	188	1072616	22.02	ng/ul	0.00
78) Pyrene-d10	19.37	212	993670	25.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1027230	22.28	ng/ul	0.00

Target Compounds

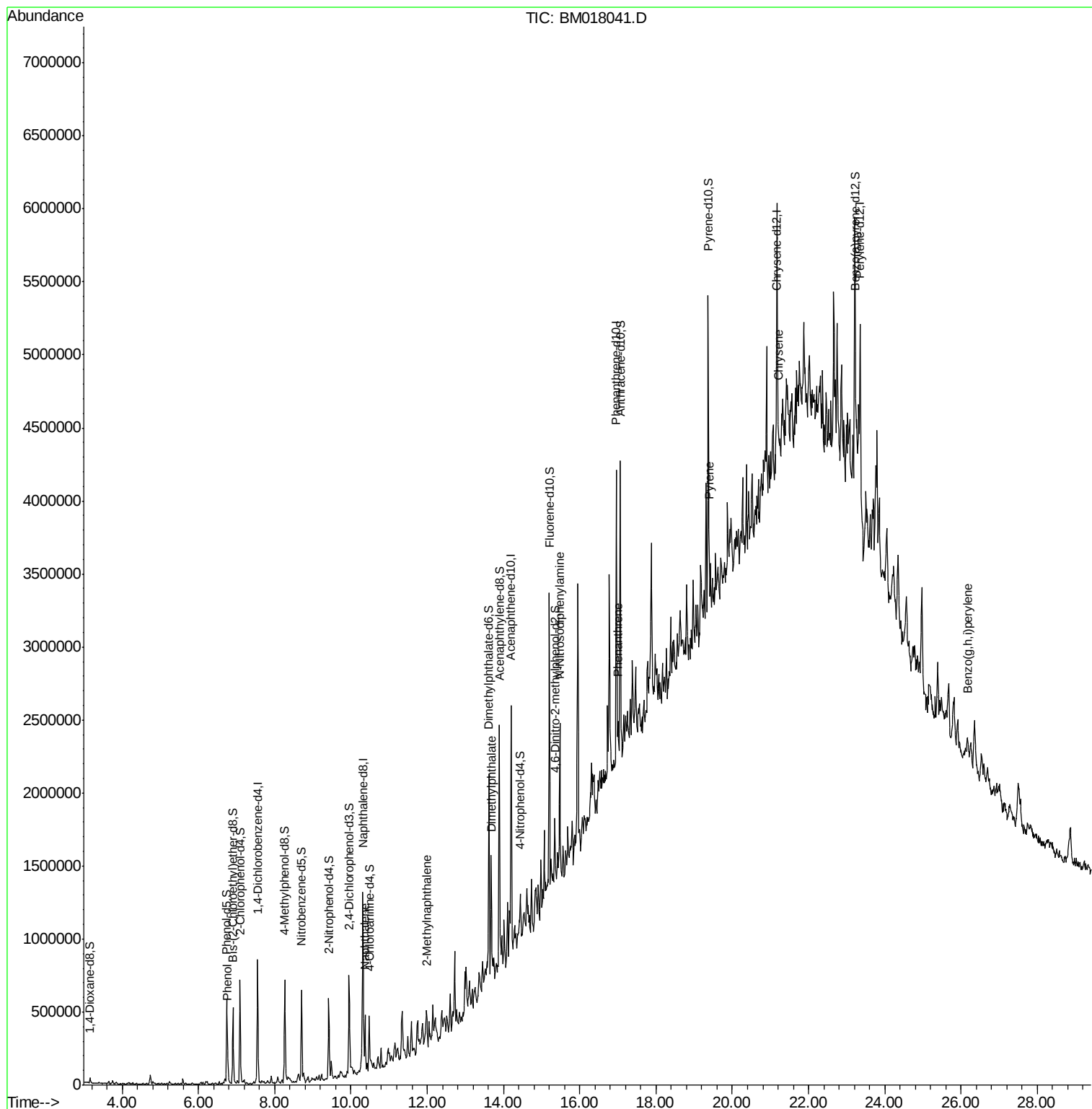
					Qvalue
6) Phenol	6.77	94	86907	4.080 ng/ul	97
28) Naphthalene	10.36	128	314256	6.180 ng/ul	100
34) 2-Methylnaphthalene	11.99	142	112602	2.966 ng/ul	91
44) Dimethylphthalate	13.67	163	154201	3.637 ng/ul	97
64) N-Nitrosodiphenylamine	15.47	169	35804	1.188 ng/ul#	55
69) Phenanthrene	17.00	178	152169	2.719 ng/ul#	87
79) Pyrene	19.40	202	119414	2.458 ng/ul	97
84) Chrysene	21.21	228	48092	1.036 ng/ul#	68
93) Benzo(g,h,i)perylene	26.17	276	49521	1.154 ng/ul#	64

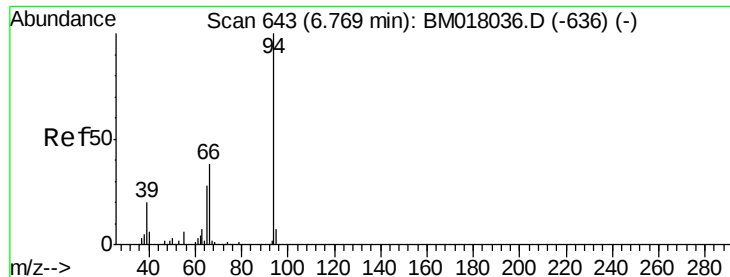
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.080 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM018041.D

Acq: 11 Dec 2018 01:20

Instrument :

BNA_M

ClientSampleId :

F9Y31

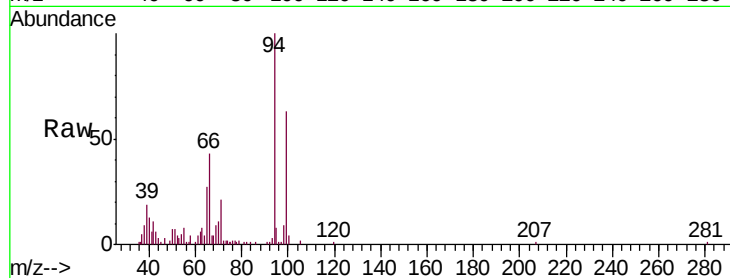
Tgt Ion: 94 Resp: 86907

Ion Ratio Lower Upper

94 100

65 27.3 24.7 37.1

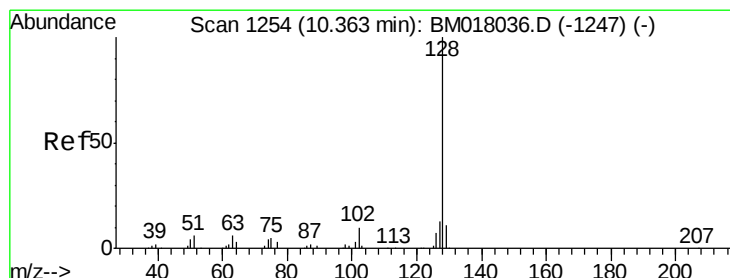
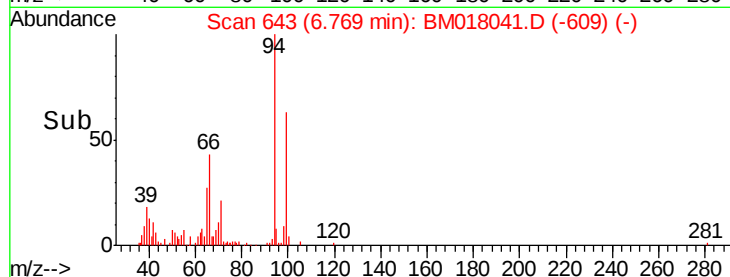
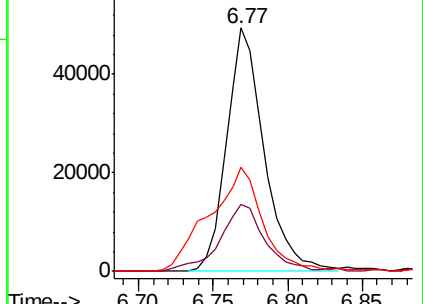
66 42.5 34.6 51.8



Abundance Ion 94.00 (93.70 to 94.70): BM018036.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM018036.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM018036.D (-636) (-)



#28

Naphthalene

Concen: 6.180 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM018041.D

Acq: 11 Dec 2018 01:20

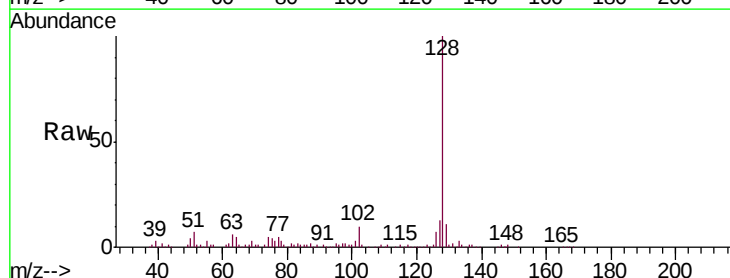
Tgt Ion: 128 Resp: 314256

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

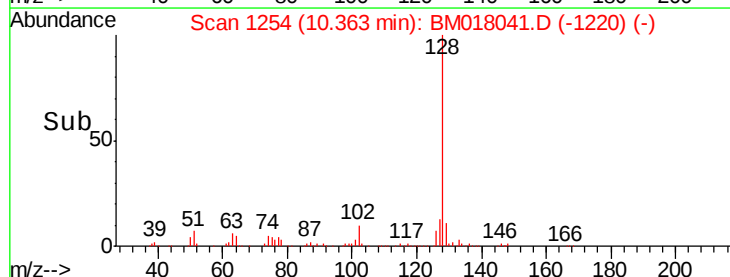
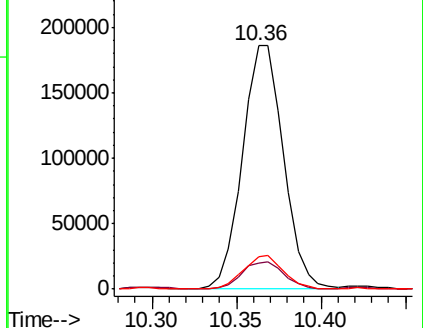
127 13.5 10.8 16.2

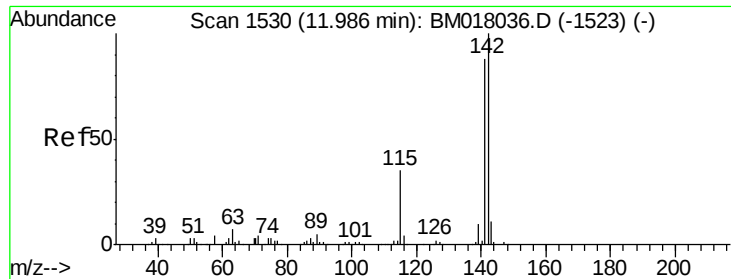


Abundance Ion 128.00 (127.70 to 128.70): BM018036.D (-1247) (-)

Ion 129.00 (128.70 to 129.70): BM018036.D (-1247) (-)

Ion 127.00 (126.70 to 127.70): BM018036.D (-1247) (-)

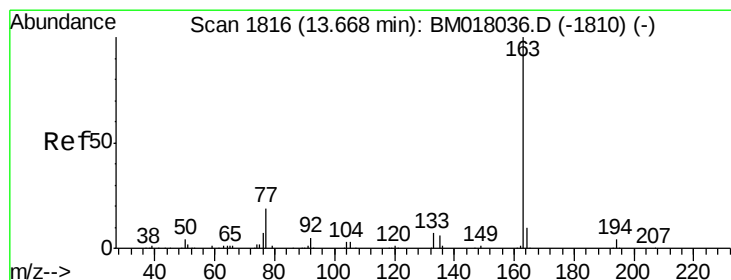
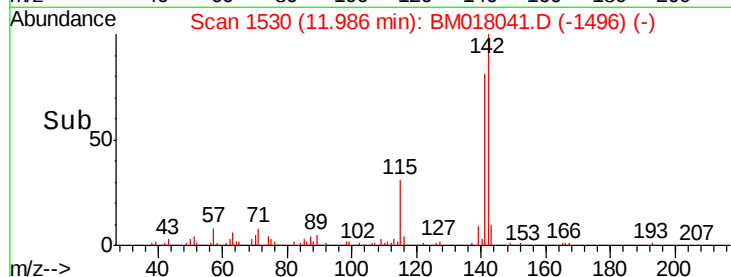
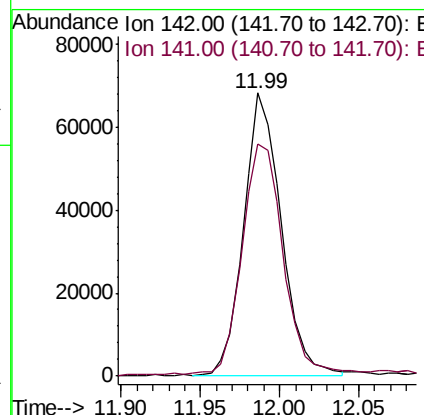
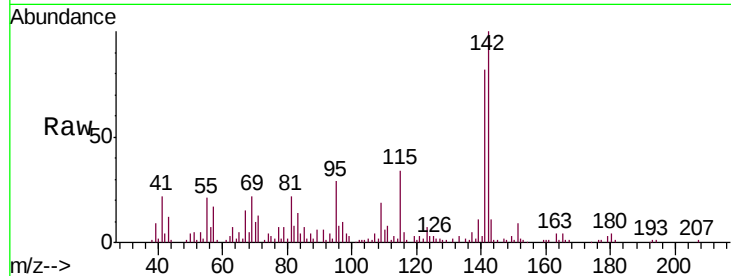




#34
 2-Methylnaphthalene
 Concen: 2.966 ng/ul
 RT: 11.99 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BM018041.D
 Acq: 11 Dec 2018 01:20

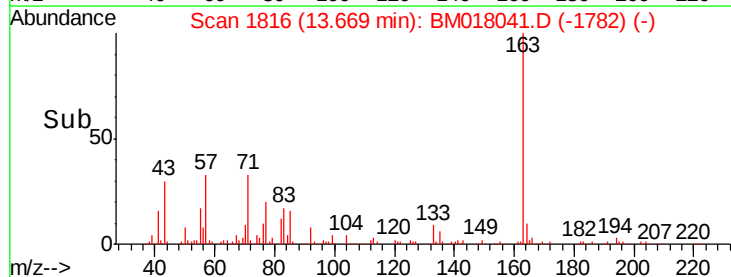
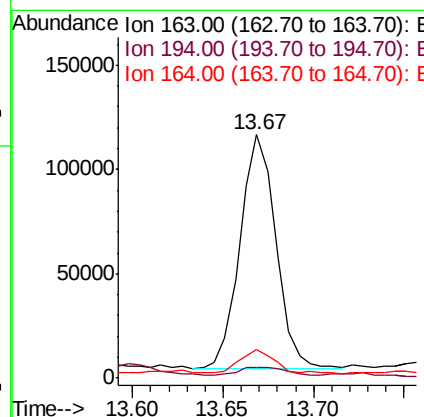
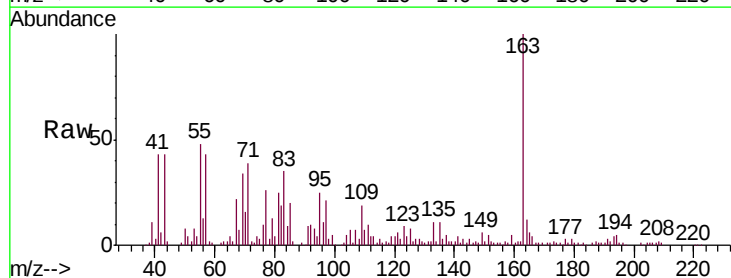
Instrument :
 BNA_M
 ClientSampleId :
 F9Y31

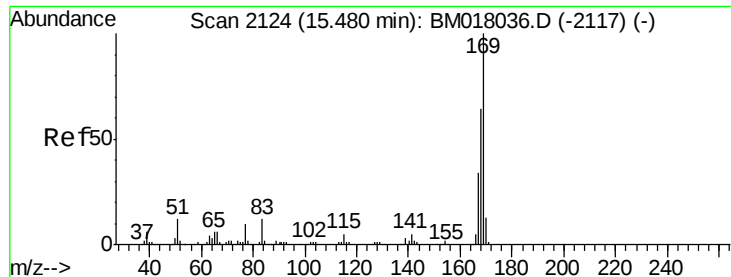
Tgt Ion:142 Resp: 112602
 Ion Ratio Lower Upper
 142 100
 141 82.0 72.6 108.8



#44
 Dimethylphthalate
 Concen: 3.637 ng/ul
 RT: 13.67 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BM018041.D
 Acq: 11 Dec 2018 01:20

Tgt Ion:163 Resp: 154201
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.4 5.0
 164 11.7 8.1 12.1

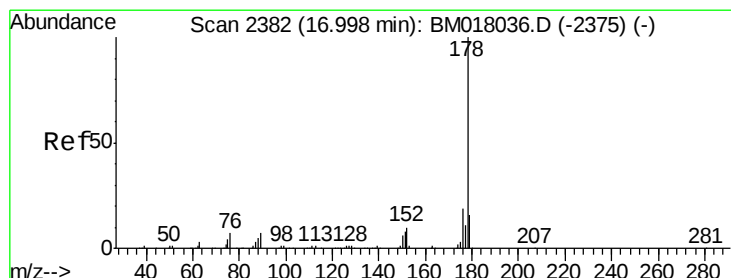
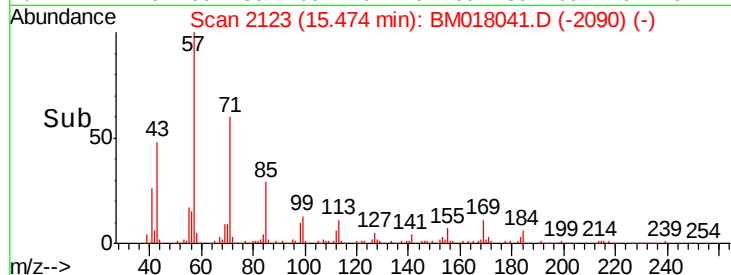
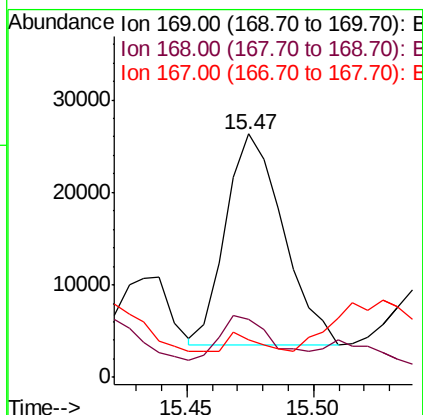
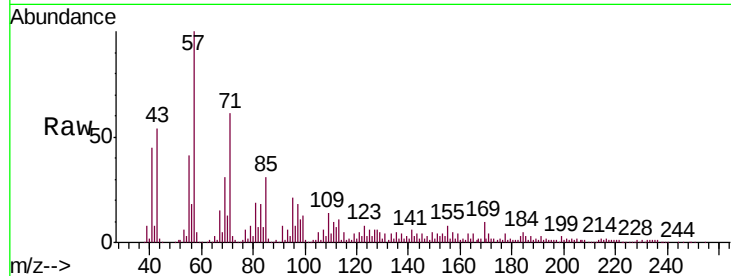




#64
N-Nitrosodiphenylamine
Concen: 1.188 ng/ul
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM018041.D
Acq: 11 Dec 2018 01:20

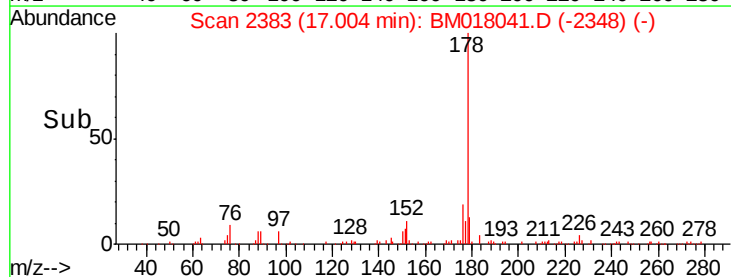
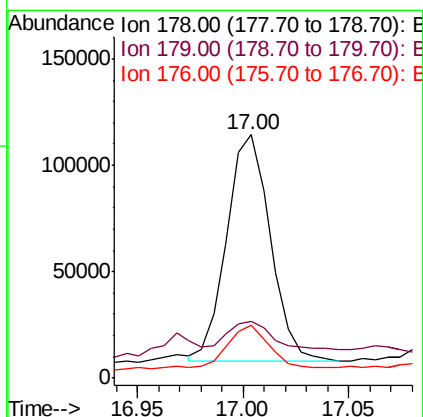
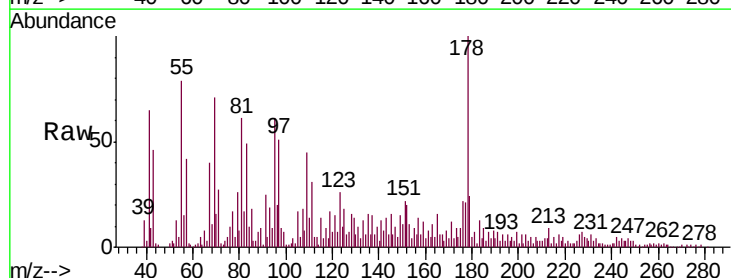
Instrument :
BNA_M
ClientSampleId :
F9Y31

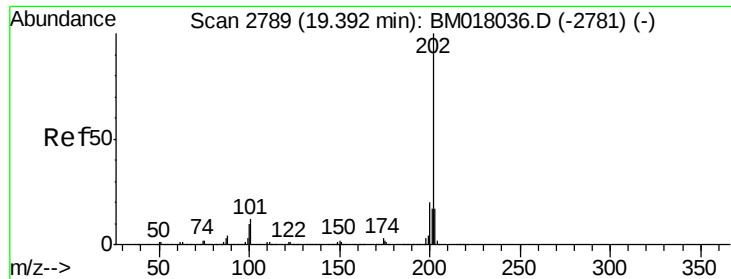
Tgt Ion:169 Resp: 35804
Ion Ratio Lower Upper
169 100
168 23.9 51.1 76.7#
167 15.6 27.8 41.8#



#69
Phenanthrene
Concen: 2.719 ng/ul
RT: 17.00 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BM018041.D
Acq: 11 Dec 2018 01:20

Tgt Ion:178 Resp: 152169
Ion Ratio Lower Upper
178 100
179 23.6 11.8 17.8#
176 21.9 15.0 22.6





#79

Pyrene

Concen: 2.458 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM018041.D

Acq: 11 Dec 2018 01:20

Instrument :

BNA_M

ClientSampleId :

F9Y31

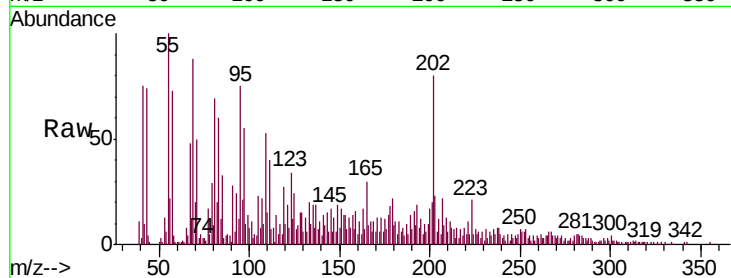
Tgt Ion:202 Resp: 119414

Ion Ratio Lower Upper

202 100

101 14.1 9.6 14.4

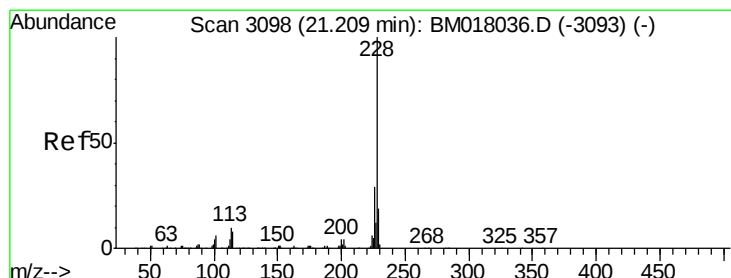
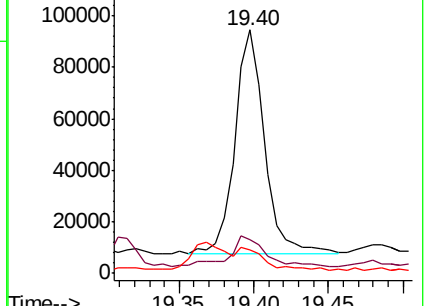
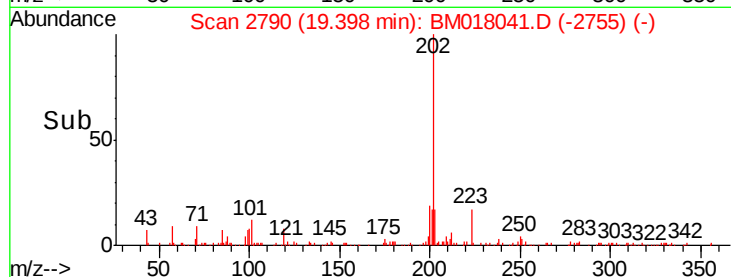
100 9.7 7.9 11.9



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



#84

Chrysene

Concen: 1.036 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM018041.D

Acq: 11 Dec 2018 01:20

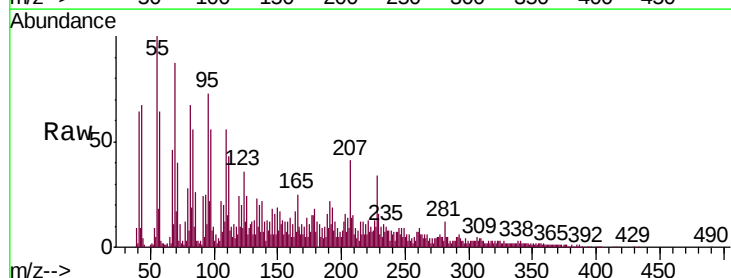
Tgt Ion:228 Resp: 48092

Ion Ratio Lower Upper

228 100

226 37.2 23.7 35.5#

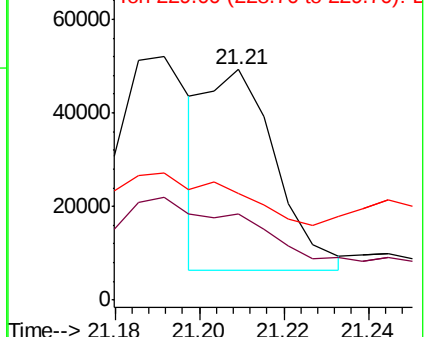
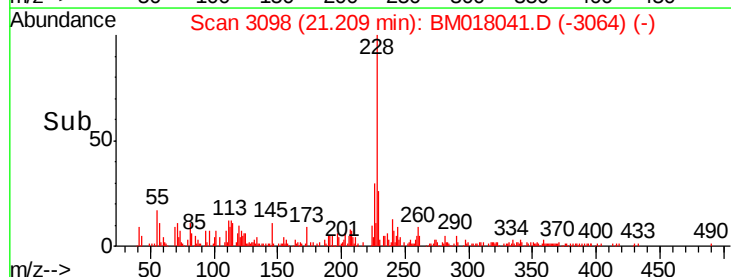
229 46.5 15.8 23.8#

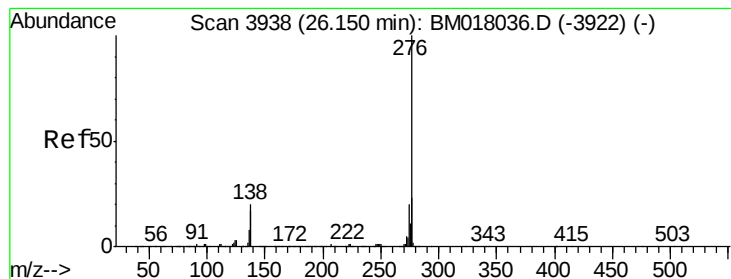


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.154 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. 0.02 min

Lab File: BM018041.D

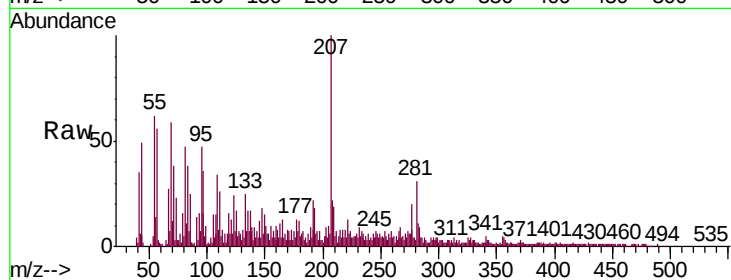
Acq: 11 Dec 2018 01:20

Instrument :

BNA_M

ClientSampleId :

F9Y31



Tgt Ion:	276	Resp:	49521
Ion	Ratio	Lower	Upper
276	100		
138	36.4	15.8	23.6#
277	40.1	18.6	27.8#

