

Data File : BM018066.D
Acq On : 11 Dec 2018 20:24
Operator : JU/SJ
Sample : J6170-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9M04

Quant Time: Dec 12 01:08:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 00:58:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	176365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	769080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	418750	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	858063	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	670333	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	632281	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	5190	1.35	ng/uL	0.00
5) Phenol-d5	6.74	99	94607	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	254429	26.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	307715	24.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	175481	13.33	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	186906	31.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	211559	31.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	329417	25.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	13727	1.24	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	1173560	32.30	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1427479	32.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	10276	1.56	ng/ul	0.03
57) Fluorene-d10	15.20	176	1011276	32.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	160877	26.23	ng/ul	0.00
70) Anthracene-d10	17.06	188	1506961	35.27	ng/ul	0.00
78) Pyrene-d10	19.36	212	1424657	43.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1224407	35.71	ng/ul	0.00

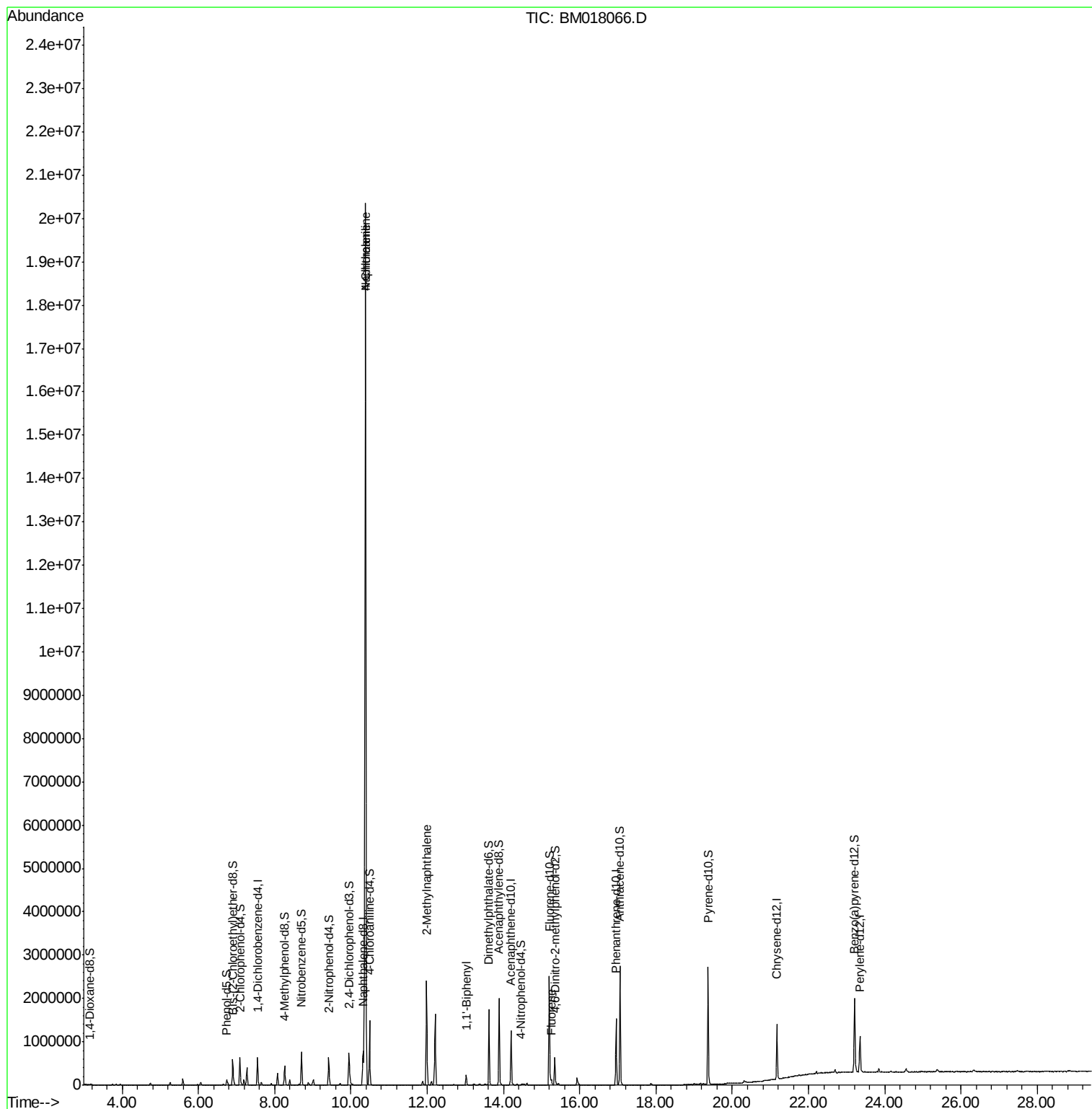
Target Compounds						Qvalue
28) Naphthalene	10.38	128	17861404	445.749	ng/ul#	95
30) 4-Chloroaniline	10.39	127	2538761	225.038	ng/ul#	4
34) 2-Methylnaphthalene	11.99	142	1182648	39.536	ng/ul	99
40) 1,1'-Biphenyl	13.02	154	150164	4.356	ng/ul	99
58) Fluorene	15.26	166	41868	1.199	ng/ul	96

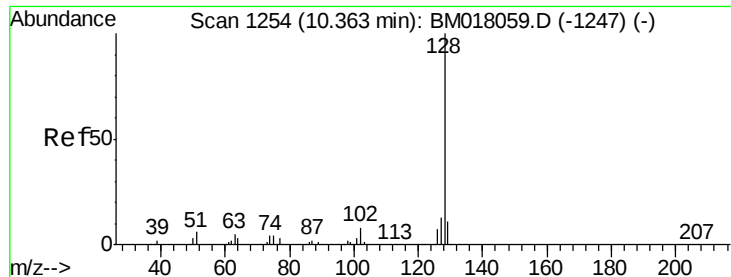
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 445.749 ng/ul

RT: 10.38 min Scan# 1257

Delta R.T. 0.02 min

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BNA_M

ClientSampleId :

F9M04

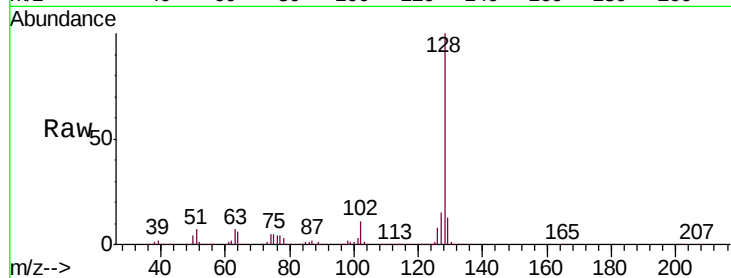
Tgt Ion:128 Resp:17861404

Ion Ratio Lower Upper

128 100

129 12.8 8.6 12.8#

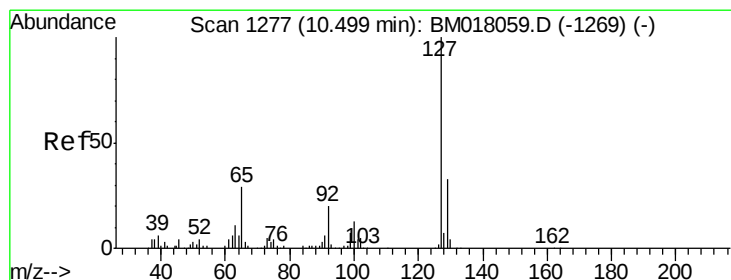
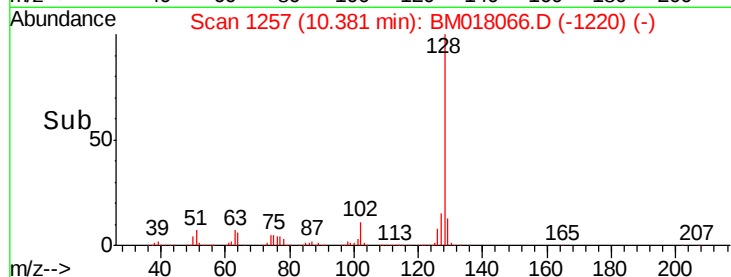
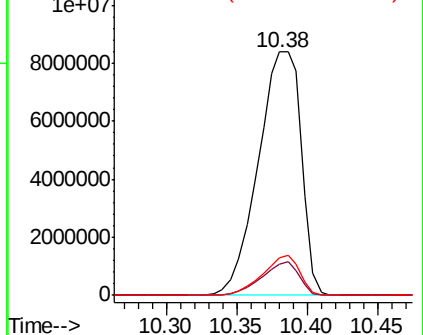
127 15.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 225.038 ng/ul

RT: 10.39 min Scan# 1258

Delta R.T. -0.11 min

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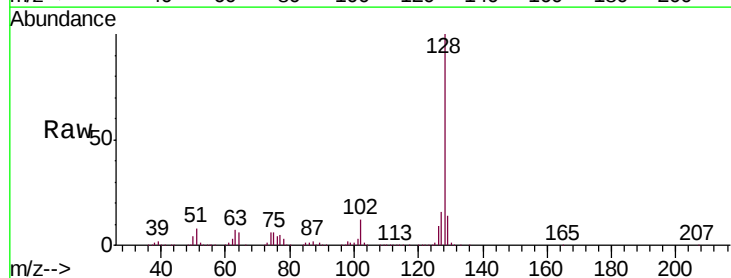
Acq: 11 Dec 2018 20:24

Tgt Ion:127 Resp: 2538761

Ion Ratio Lower Upper

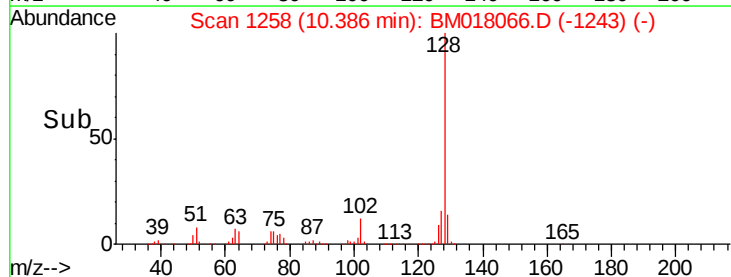
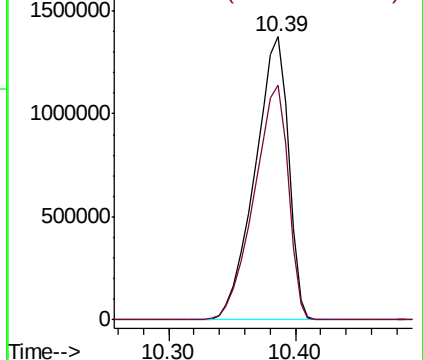
127 100

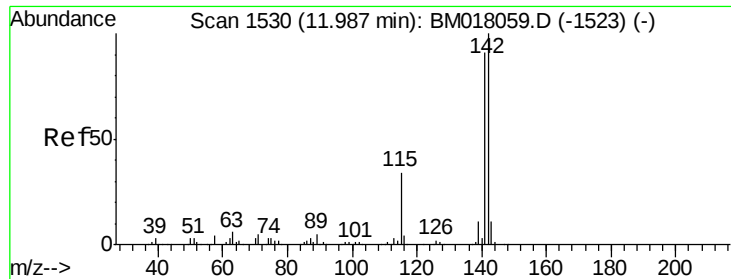
129 83.2 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

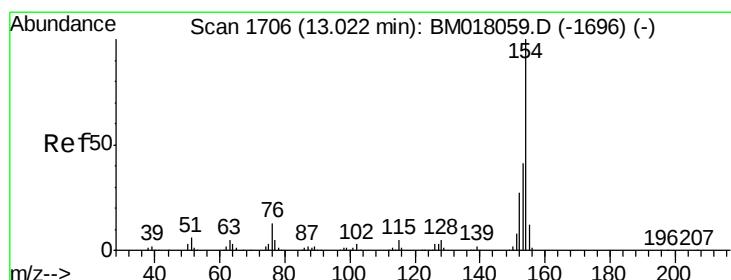
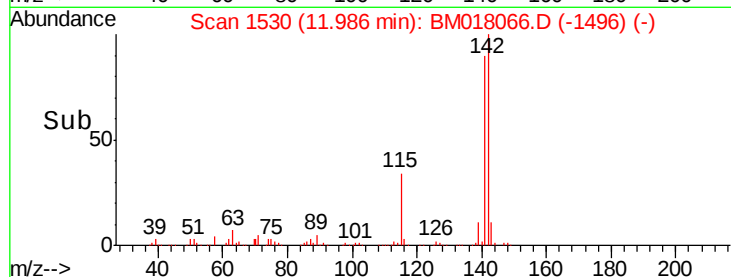
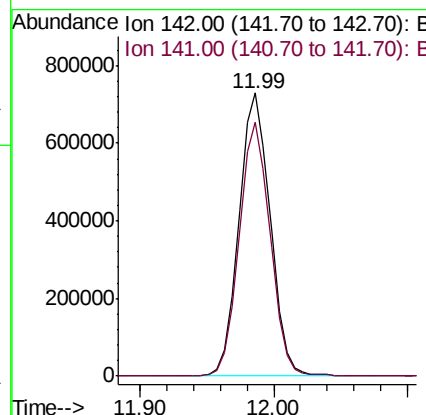
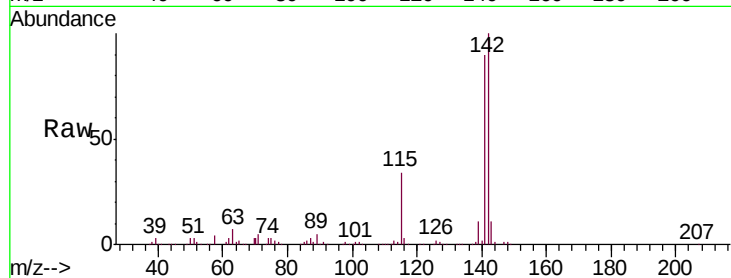




#34
 2-Methylnaphthalene
 Concen: 39.536 ng/ul
 RT: 11.99 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BM018066.D
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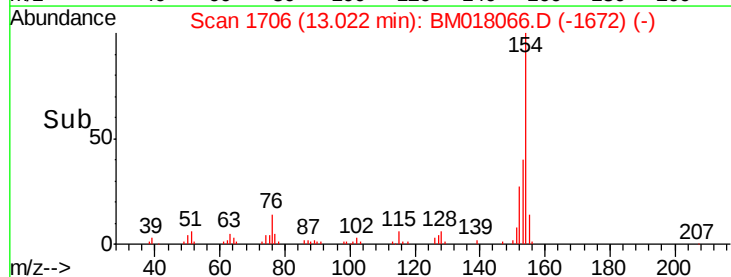
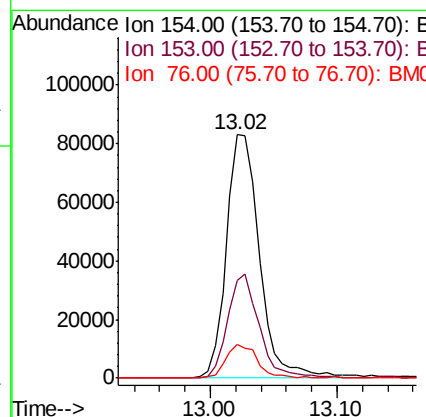
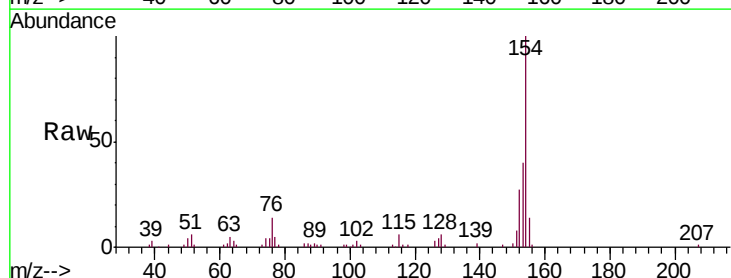
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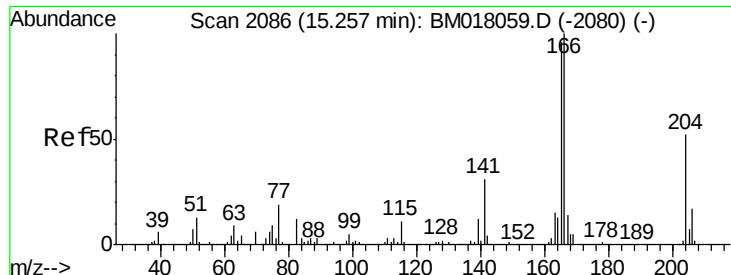
Tgt Ion:142 Resp: 1182648
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.6 108.8



#40
 1,1'-Biphenyl
 Concen: 4.356 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BM018066.D
 Acq: 11 Dec 2018 20:24

Tgt Ion:154 Resp: 150164
 Ion Ratio Lower Upper
 154 100
 153 39.9 32.5 48.7
 76 13.8 10.6 15.8





#58

Fluorene

Concen: 1.199 ng/ul

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM018066.D

Acq: 11 Dec 2018 20:24

Instrument :

BNA_M

ClientSampleId :

F9M04

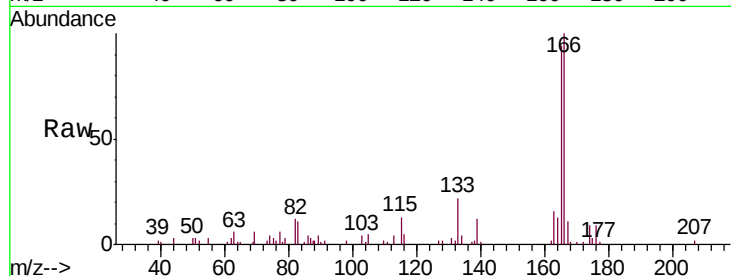
Tgt Ion:166 Resp: 41868

Ion Ratio Lower Upper

166 100

165 93.7 78.0 117.0

167 11.0 10.8 16.2



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

