

Data File : BM012151.D
Acq On : 14 Oct 2017 01:02
Operator : SJ/JU
Sample : I5772-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD9R2

Quant Time: Oct 14 04:35:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 04:34:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	191162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	774390	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	445538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	938460	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	828106	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	865298	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	24030	5.97	ng/uL	0.00
5) Phenol-d5	6.99	99	104475	6.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	294464	31.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	348570	26.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	215135	16.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	206477	34.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	244427	35.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	399744	30.32	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	11756	0.95	ng/ul	0.02
43) Dimethylphthalate-d6	13.88	166	1413684	35.90	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1687813	35.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	19743	3.33	ng/ul	0.00
57) Fluorene-d10	15.47	176	1127298	34.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	196103	30.45	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1727019	37.22	ng/ul	0.00
76) Pyrene-d10	19.62	212	1810266	43.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1622592	38.90	ng/ul	-0.01

Target Compounds				Qvalue		
28) Naphthalene	10.67	128	364254	9.09	ng/ul	99
30) 4-Chloroaniline	10.67	127	49063	4.04	ng/ul#	27
45) 2,6-Dinitrotoluene	13.89	165	7892	1.01	ng/ul#	30

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

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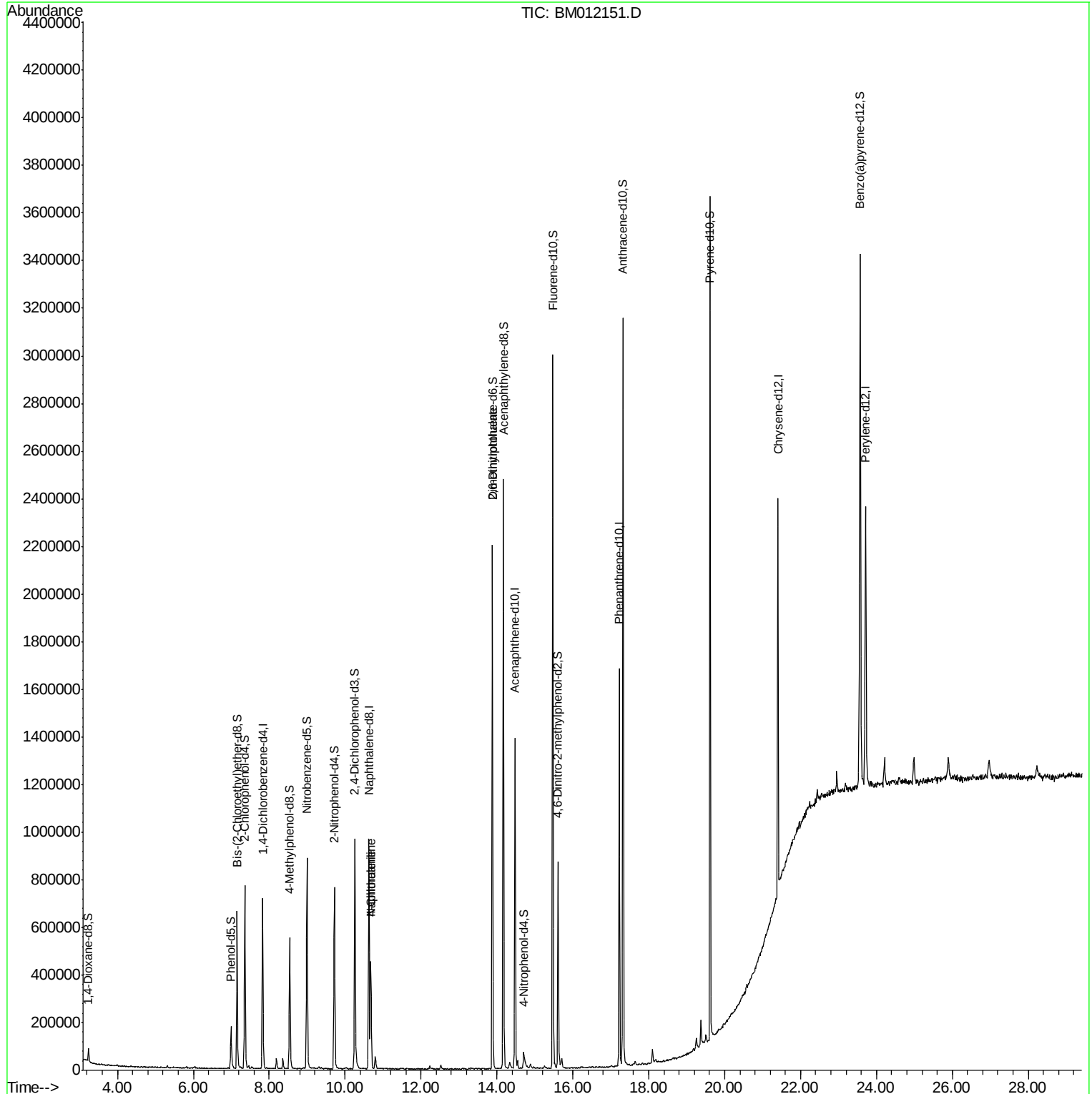
Quant Time: Oct 14 04:35:12 2017

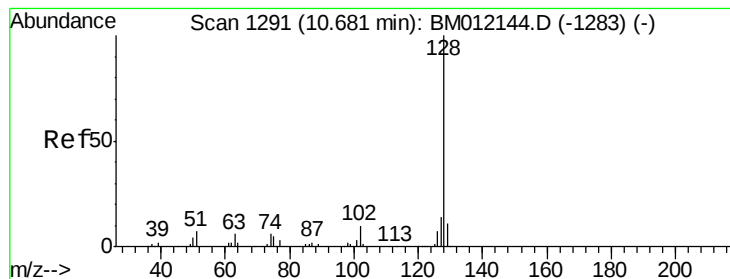
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

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#28

Naphthalene

Concen: 9.09 ng/ul

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

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BNA_M

ClientSampled :

BD9R2

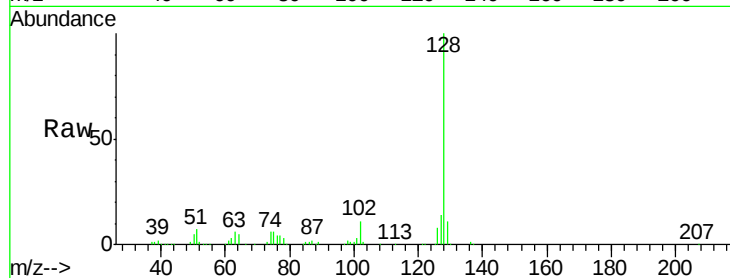
Tgt Ion:128 Resp: 364254

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

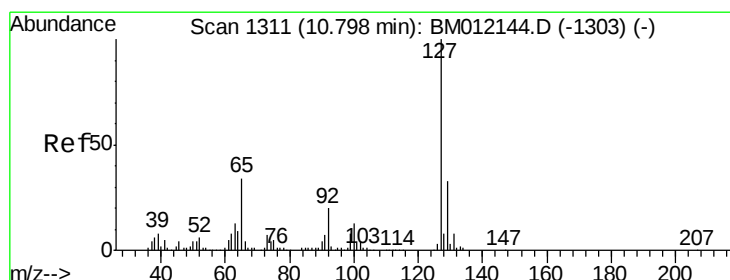
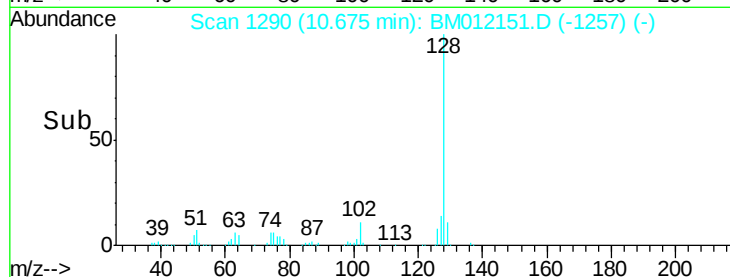
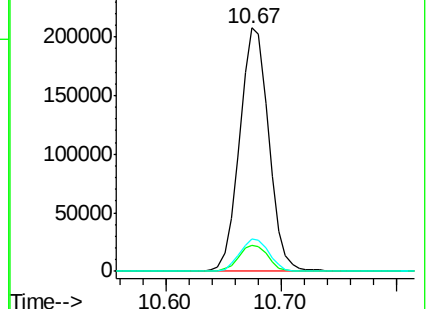
127 13.5 10.6 16.0



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: 4.04 ng/ul

RT: 10.67 min Scan# 1290

Delta R.T. -0.12 min

Lab File: BM012151.D

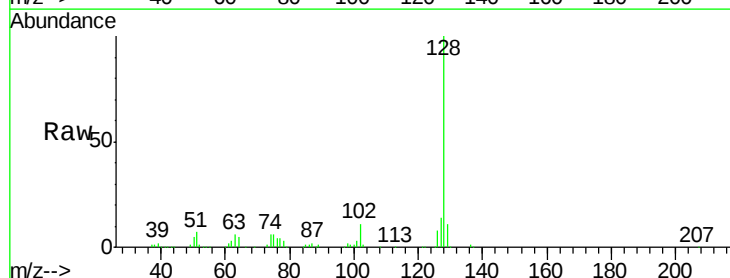
Acq: 14 Oct 2017 01:02

Tgt Ion:127 Resp: 49063

Ion Ratio Lower Upper

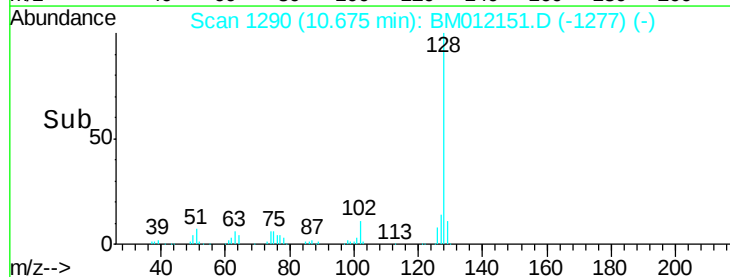
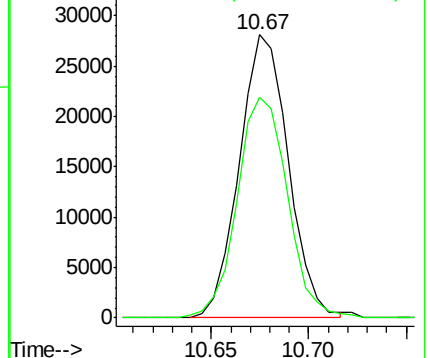
127 100

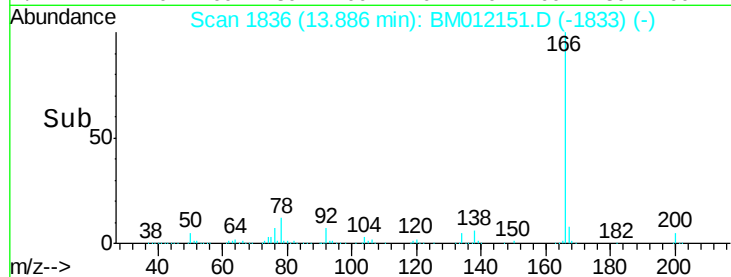
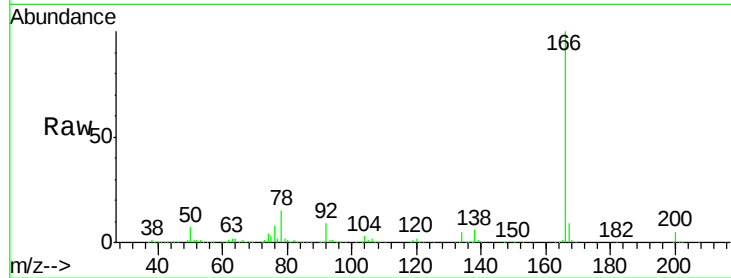
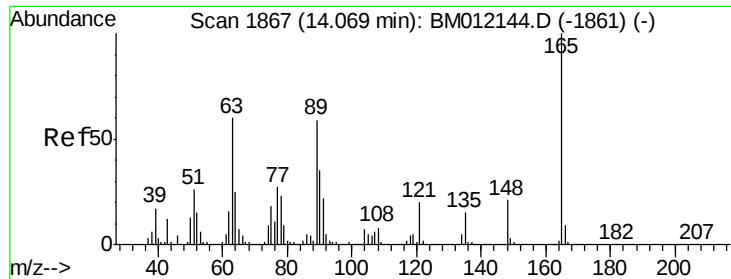
129 77.9 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#45

2,6-Dinitrotoluene

Concen: 1.01 ng/ul

RT: 13.89 min Scan# 1836

Delta R.T. -0.18 min

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Tgt Ion:165 Resp: 7892

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 29.5 14.6 22.0#

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

