

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050118\
 Data File : BM014893.D
 Acq On : 01 May 2018 19:40
 Operator : SJ/JU
 Sample : J2636-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 04:57:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 04:52:22 2018
 Response via : Initial Calibration

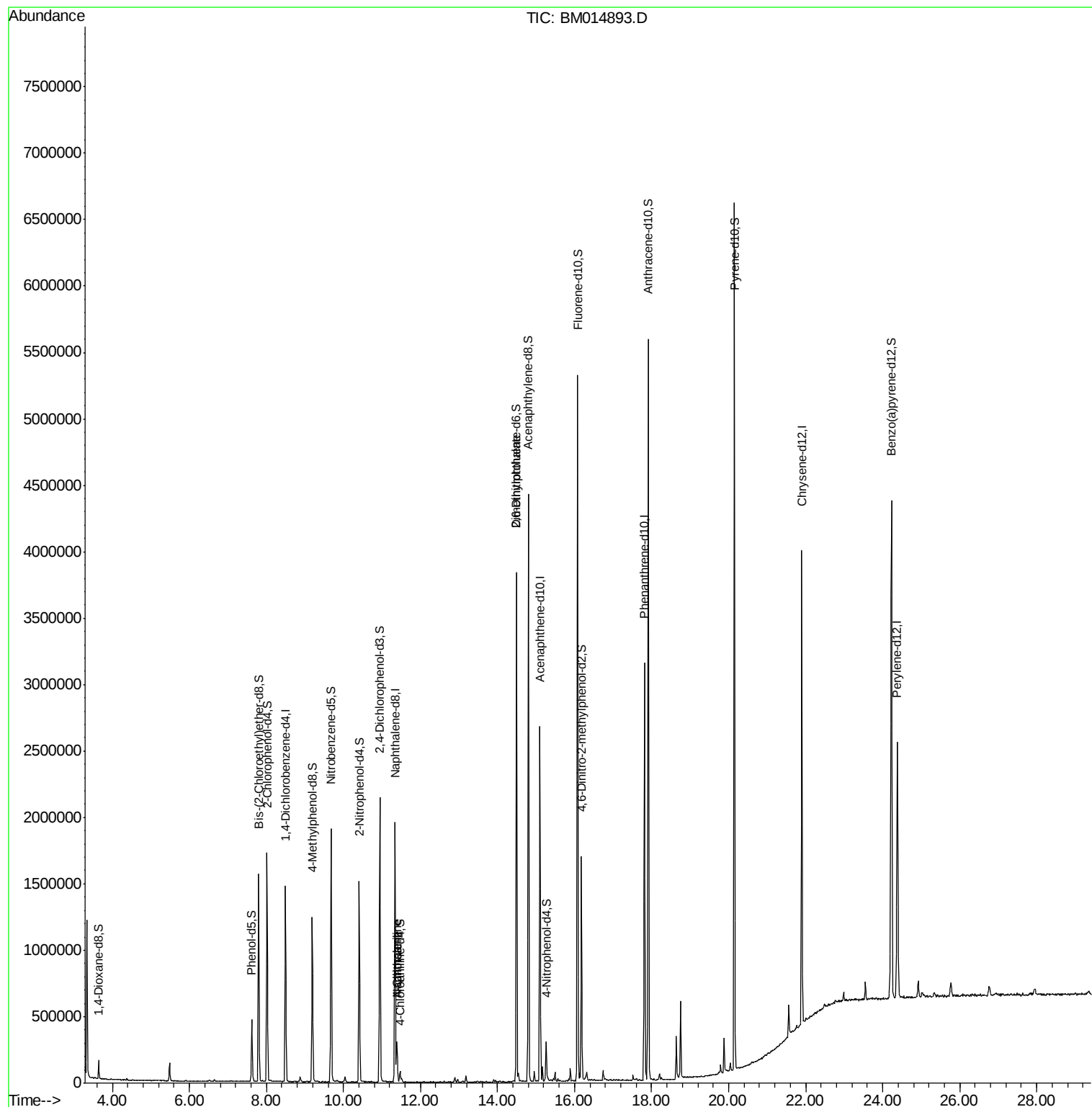
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	376839	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1571118	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	813078	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1694584	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1549682	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1484296	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	66290	7.68	ng/uL	0.00
5) Phenol-d5	7.62	99	246834	8.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	741153	39.67	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	741921	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	449076	19.33	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	422760	37.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	434075	38.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	729942	31.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	42469	1.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	2368766	37.32	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2771577	35.36	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	67441	5.73	ng/ul	0.00
57) Fluorene-d10	16.08	176	2000132	36.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	281722	30.72	ng/ul	0.00
70) Anthracene-d10	17.92	188	2956095	37.43	ng/ul	0.00
76) Pyrene-d10	20.15	212	2998146	40.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	2887342	39.59	ng/ul	0.00
Target Compounds						
28) Naphthalene	11.39	128	240714	3.144	ng/ul	99
30) 4-Chloroaniline	11.39	127	31487	1.430	ng/ul#	25
45) 2,6-Dinitrotoluene	14.50	165	15537	1.381	ng/ul#	31

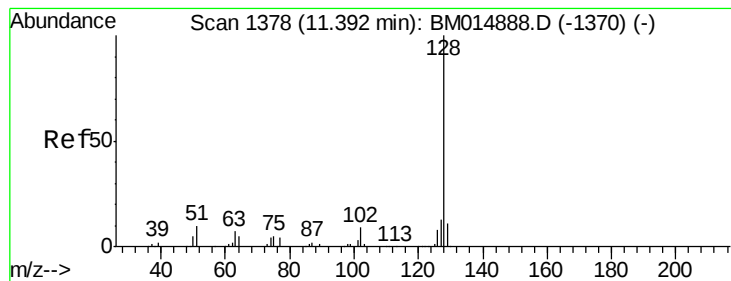
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 3.144 ng/ul

RT: 11.39 min Scan# 1378

Delta R.T. -0.00 min

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BNA_M

ClientSampleId :

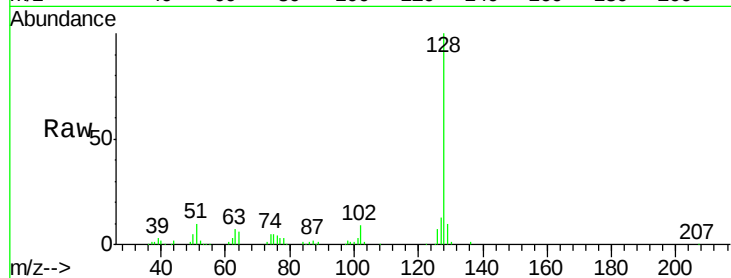
Tot Ion:128 Resp: 240714

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

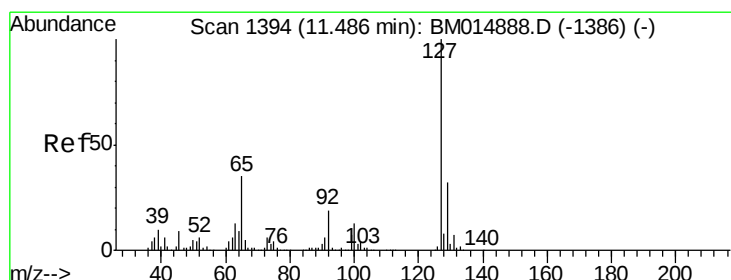
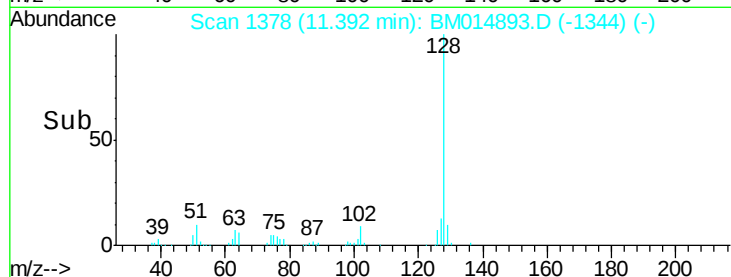
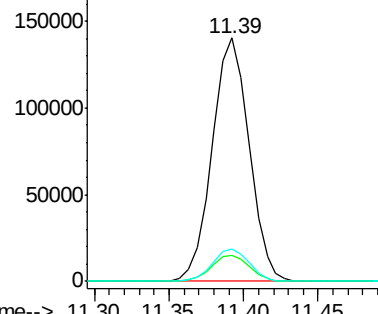
127 13.2 10.6 16.0



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: 1.430 ng/ul

RT: 11.39 min Scan# 1378

Delta R.T. -0.09 min

Lab File: BM014893.D

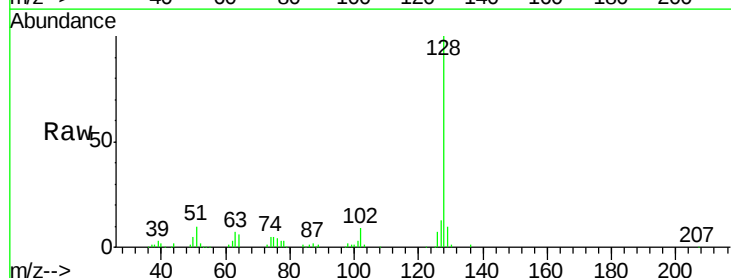
Acq: 01 May 2018 19:40

Tgt Ion:127 Resp: 31487

Ion Ratio Lower Upper

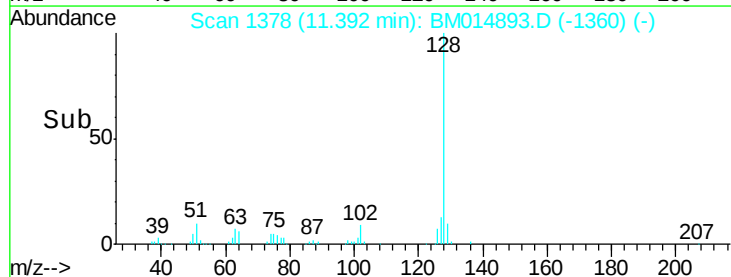
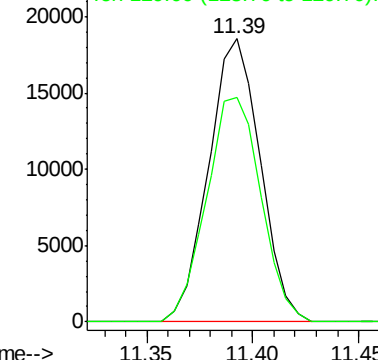
127 100

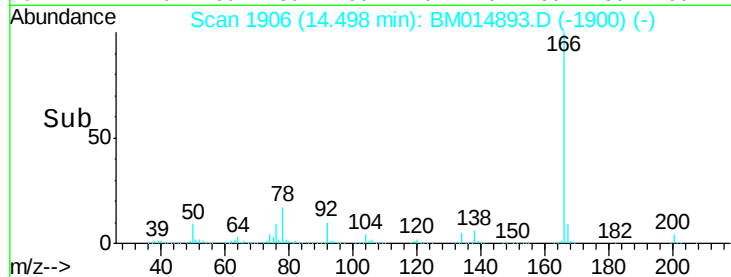
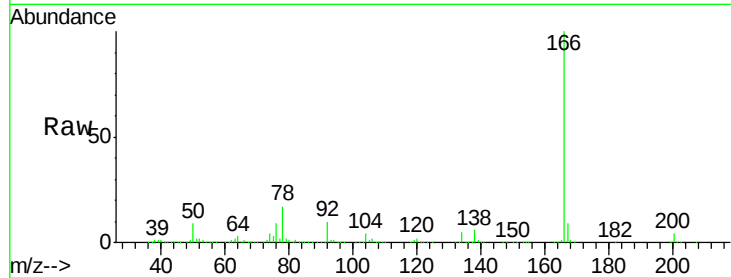
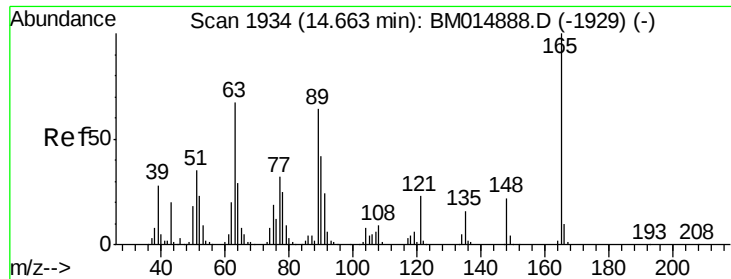
129 79.2 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#45

2,6-Dinitrotoluene

Concen: 1.381 ng/ul

RT: 14.50 min Scan# 1906

Delta R.T. -0.16 min

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Acq: 01 May 2018 19:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 15537

Ion Ratio Lower Upper

165 100

89 2.9 52.6 79.0#

121 32.9 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

