

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007863.D
 Acq On : 14 Nov 2016 20:00
 Operator : UM/SJ
 Sample : H5623-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4Q2

Quant Time: Nov 15 02:50:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 02:47:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	172189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	663164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	423368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	838719	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1047604	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1074913	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	5711	1.42	ng/uL	0.00
5) Phenol-d5	6.92	99	93519	7.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	259802	32.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	283387	27.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	171074	16.45	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	169323	35.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	180686	35.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	305854	30.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	346	0.03	ng/ul	-0.16
43) Dimethylphthalate-d6	13.79	166	1031306	35.78	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1195424	34.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	19663	4.31	ng/ul	0.03
57) Fluorene-d10	15.37	176	920613	36.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	132294	26.55	ng/ul	0.00
70) Anthracene-d10	17.22	188	1532463	40.55	ng/ul	0.00
76) Pyrene-d10	19.52	212	1788726	41.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1905786	40.61	ng/ul	0.00

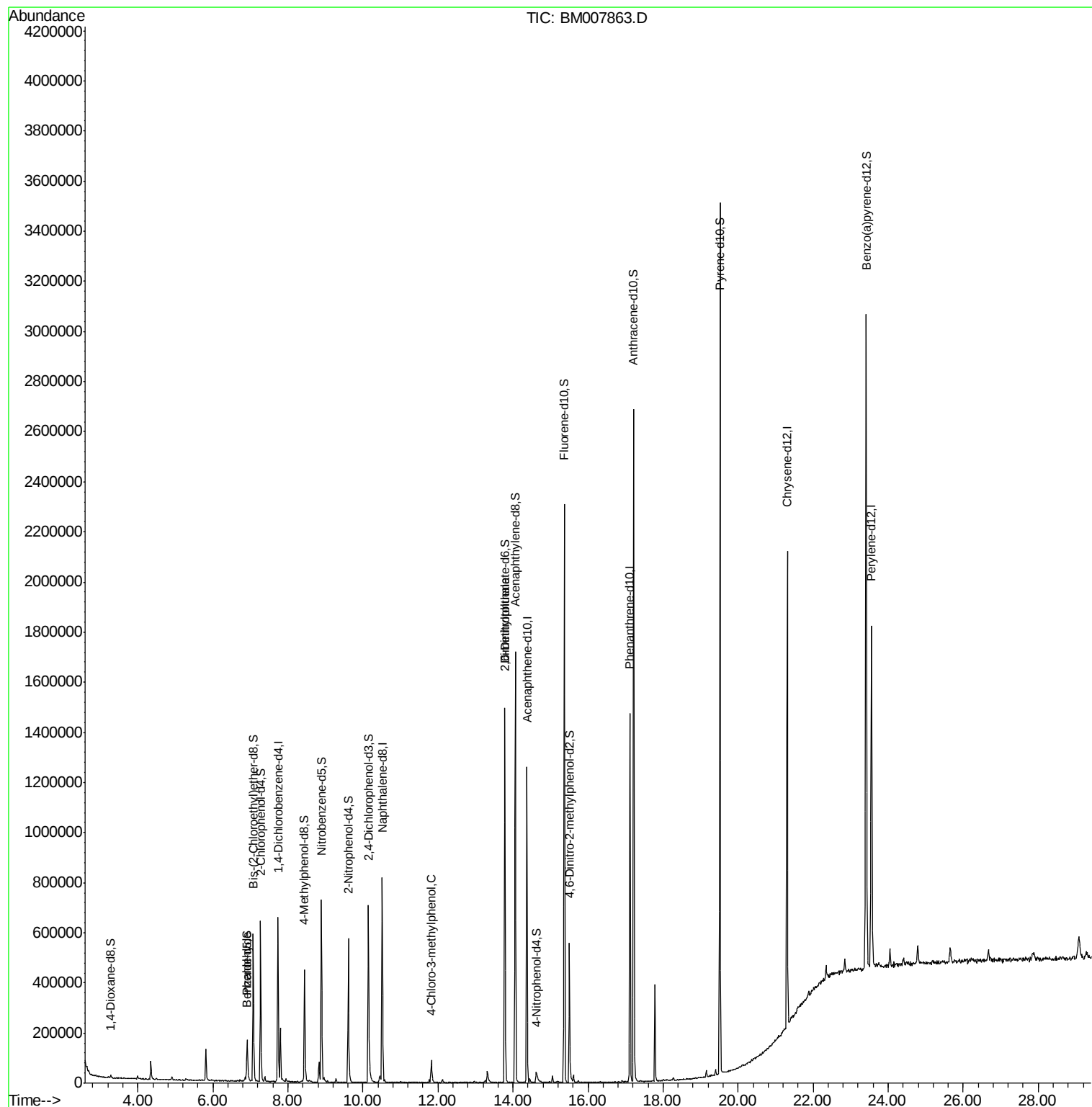
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Benzaldehyde	6.90	77	15123	1.80	ng/ul	89
33) 4-Chloro-3-methylphenol	11.83	107	43855	4.27	ng/ul	91
45) 2,6-Dinitrotoluene	13.79	165	6387	1.21	ng/ul#	36

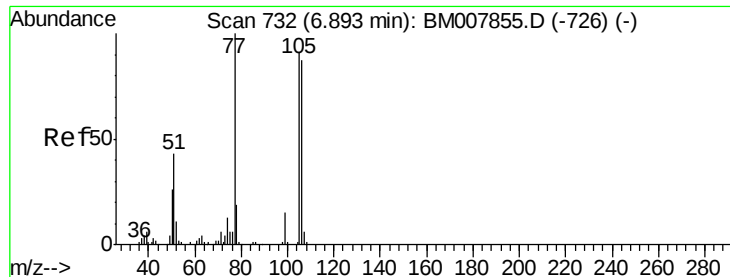
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.80 ng/ul

RT: 6.90 min Scan# 733

Delta R.T. 0.01 min

Lab File: BM007863.D

Acq: 14 Nov 2016 20:00

Instrument :

BNA_M

ClientSampled :

BD4Q2

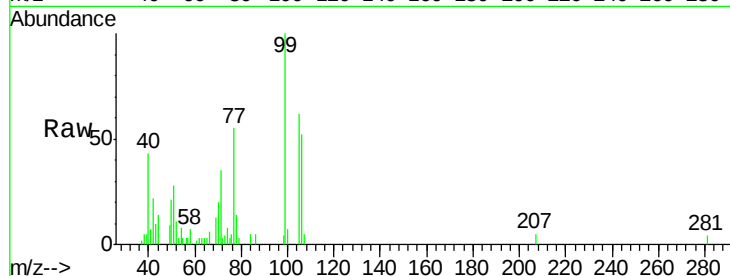
Tgt Ion: 77 Resp: 15123

Ion Ratio Lower Upper

77 100

105 111.9 76.9 115.3

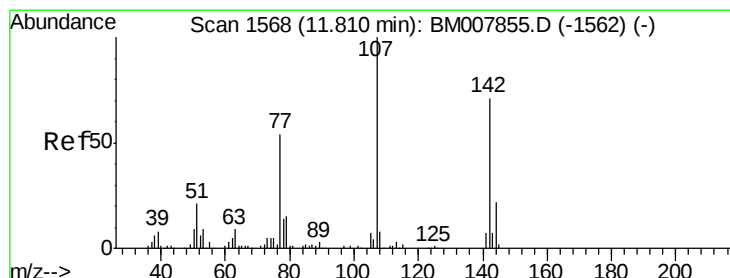
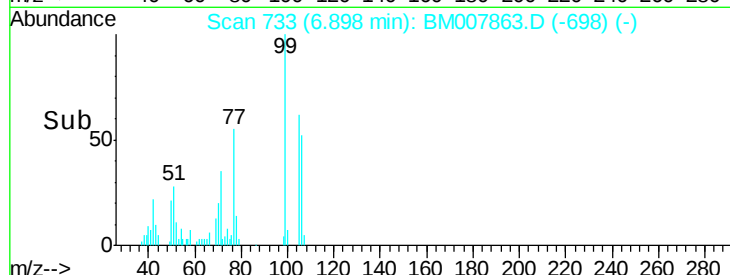
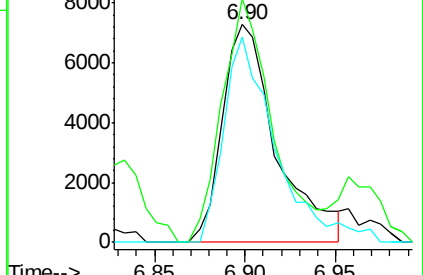
106 94.0 71.8 107.8



Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#33

4-Chloro-3-methylphenol

Concen: 4.27 ng/ul

RT: 11.83 min Scan# 1571

Delta R.T. 0.02 min

Lab File: BM007863.D

Acq: 14 Nov 2016 20:00

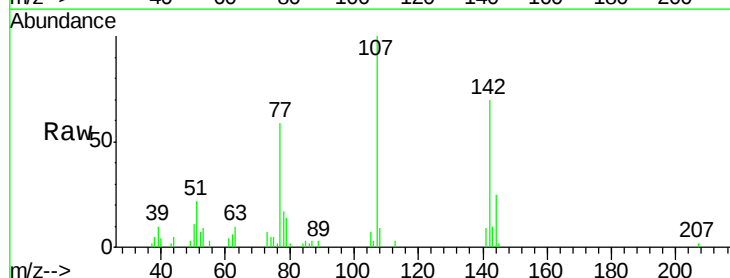
Tgt Ion: 107 Resp: 43855

Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

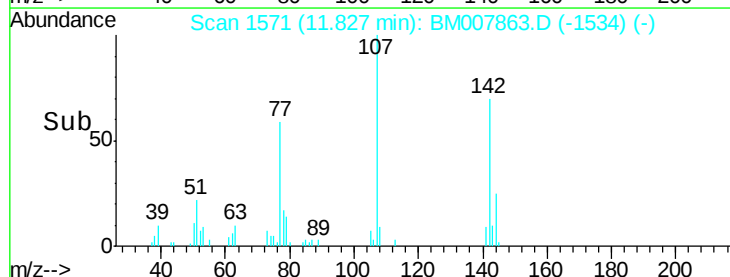
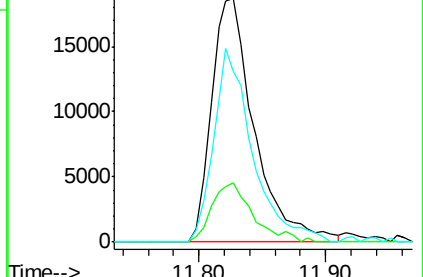
142 70.3 64.1 96.1

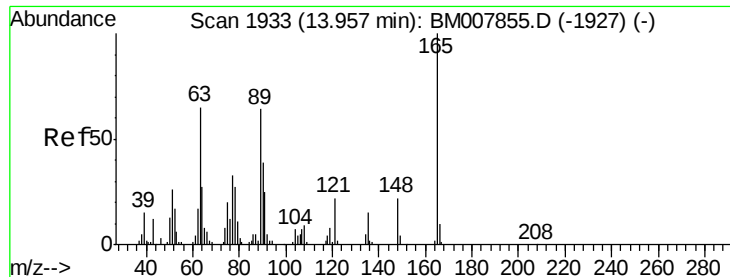


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

2,6-Dinitrotoluene

Concen: 1.21 ng/ul

RT: 13.79 min Scan# 1905

Delta R.T. -0.16 min

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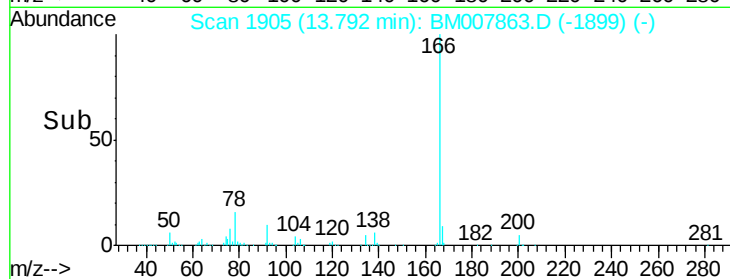
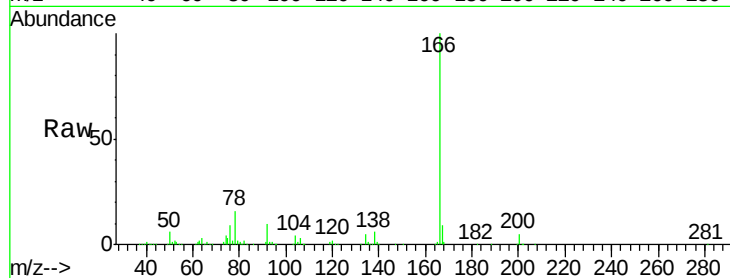
Tgt Ion:165 Resp: 6387

Ion Ratio Lower Upper

165 100

89 0.0 46.6 69.8#

121 30.0 16.0 24.0#



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

