

Data File : BM013416.D
Acq On : 14 Dec 2017 23:30
Operator : SJ/JU
Sample : I6778-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A82

Quant Time: Dec 15 04:57:47 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	172973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	752884	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	466716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1119961	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1330297	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1304689	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20132	5.76	ng/uL	0.00
5) Phenol-d5	6.85	99	416420	27.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	259782	30.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	337753	28.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	374470	29.29	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	184709	30.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	207778	32.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	379864	28.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	414914	34.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1441599	34.71	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1685620	32.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	231569	32.09	ng/ul	0.00
57) Fluorene-d10	15.32	176	1197338	33.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	207282	29.42	ng/ul	0.00
70) Anthracene-d10	17.17	188	1991457	35.50	ng/ul	0.00
76) Pyrene-d10	19.47	212	2366975	35.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2402975	36.16	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.88	94	42087	2.84	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.38	70	10645	1.09	ng/ul#	1
28) Naphthalene	10.50	128	140871	3.64	ng/ul	100
30) 4-Chloroaniline	10.50	127	18666	1.59	ng/ul#	16
44) Dimethylphthalate	13.78	163	343998	8.66	ng/ul	99

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

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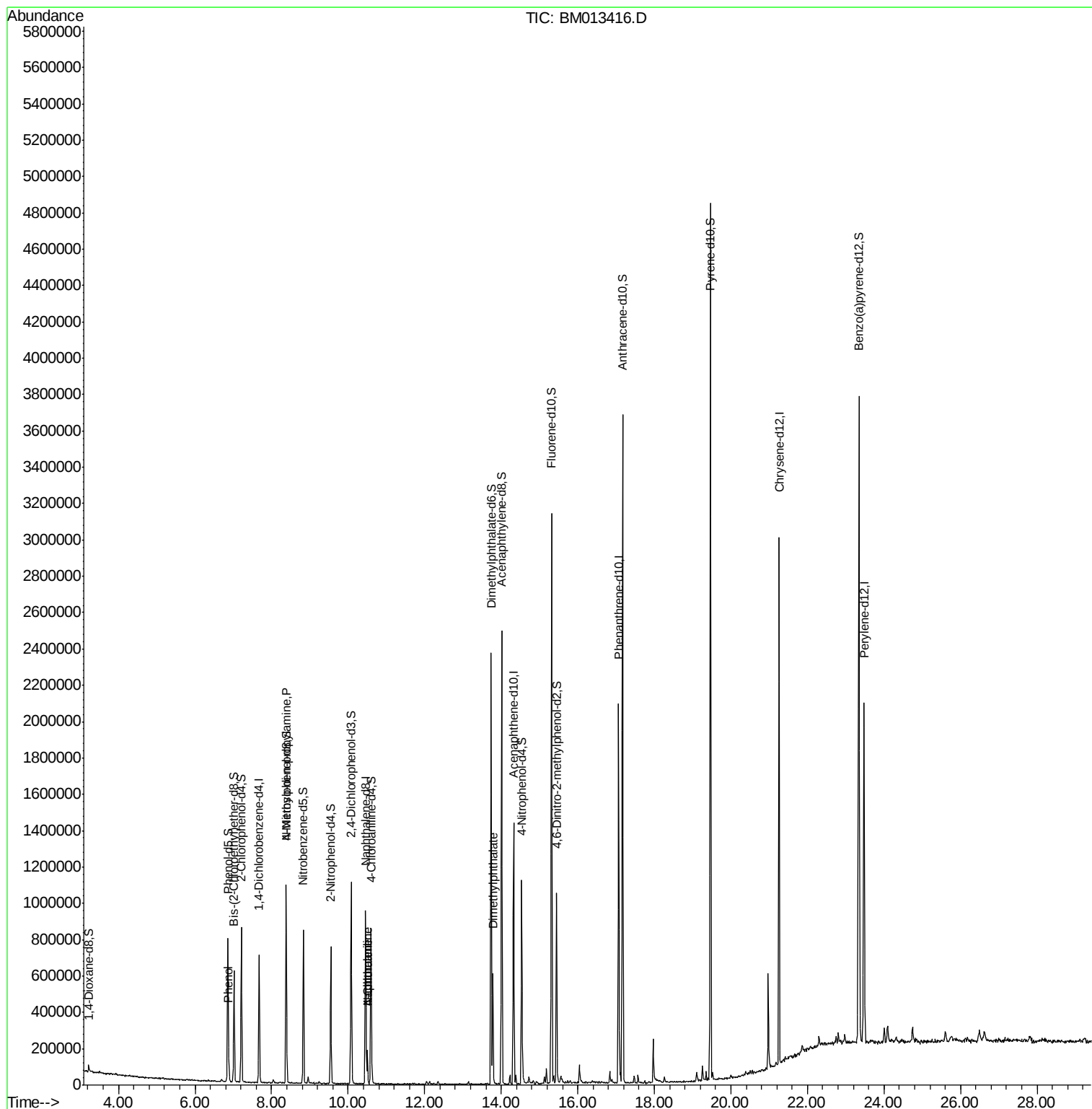
Quant Time: Dec 15 04:57:47 2017

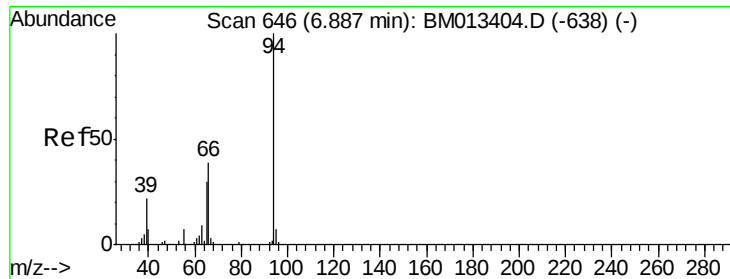
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

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#6

Phenol

Concen: 2.84 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

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ClientSampleId :

F9A82

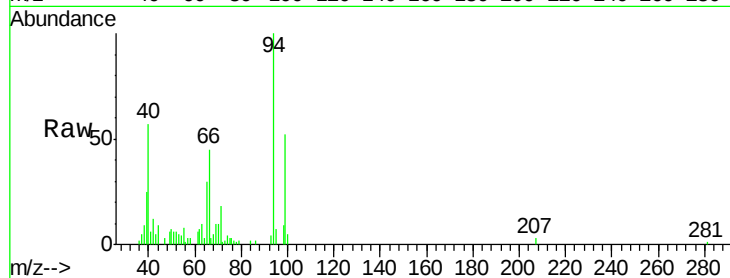
Tgt Ion: 94 Resp: 42087

Ion Ratio Lower Upper

94 100

65 30.4 28.2 42.4

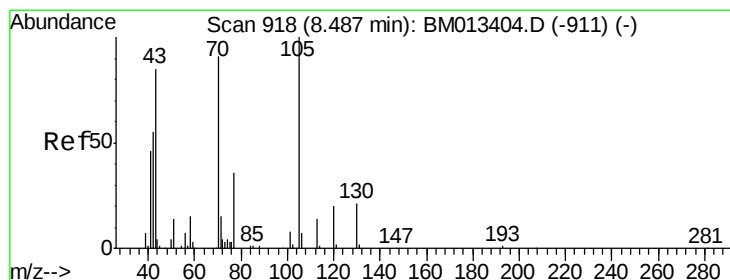
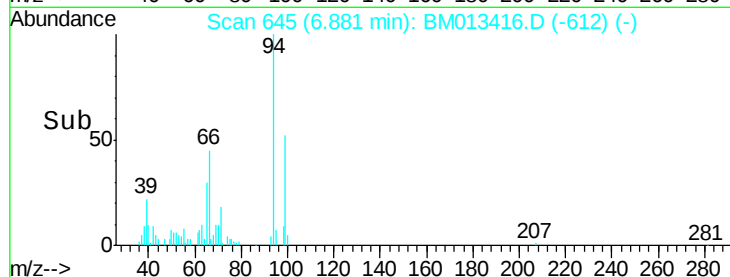
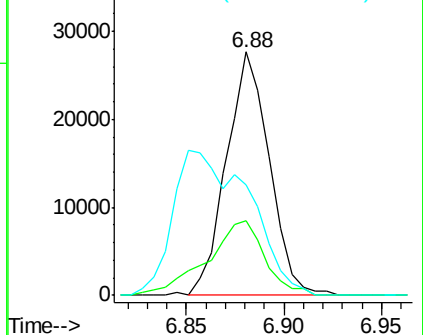
66 45.3 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013416.D (-612) (-)

Ion 65.00 (64.70 to 65.70): BM013416.D (-612) (-)

Ion 66.00 (65.70 to 66.70): BM013416.D (-612) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.09 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.11 min

Lab File: BM013416.D

Acq: 14 Dec 2017 23:30

Tgt Ion: 70 Resp: 10645

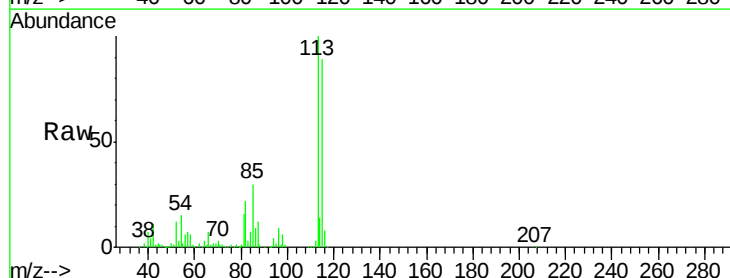
Ion Ratio Lower Upper

70 100

42 424.6 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

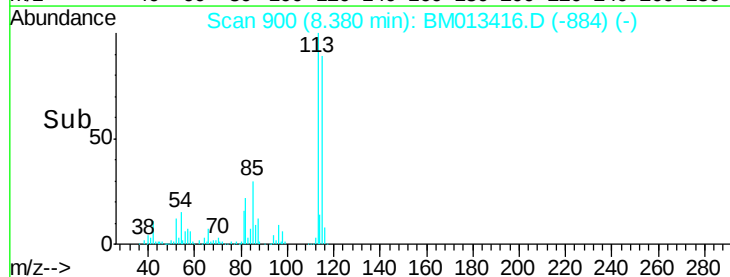
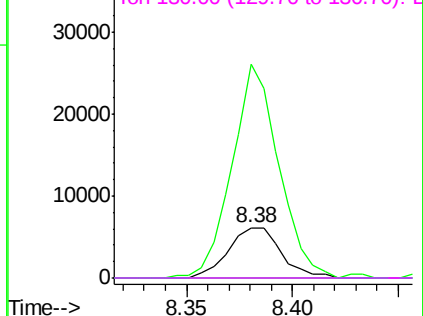


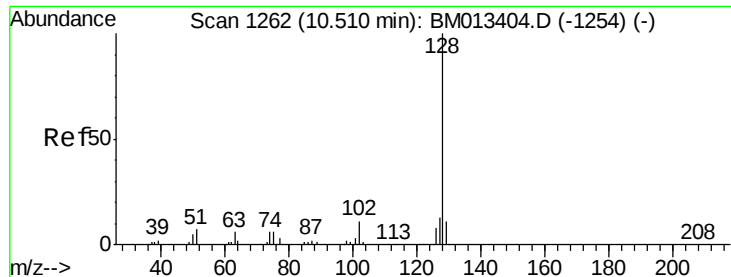
Abundance Ion 70.00 (69.70 to 70.70): BM013416.D (-884) (-)

Ion 42.00 (41.70 to 42.70): BM013416.D (-884) (-)

Ion 101.00 (100.70 to 101.70): BM013416.D (-884) (-)

Ion 130.00 (129.70 to 130.70): BM013416.D (-884) (-)

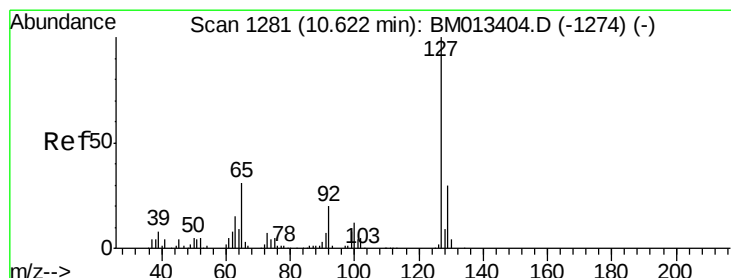
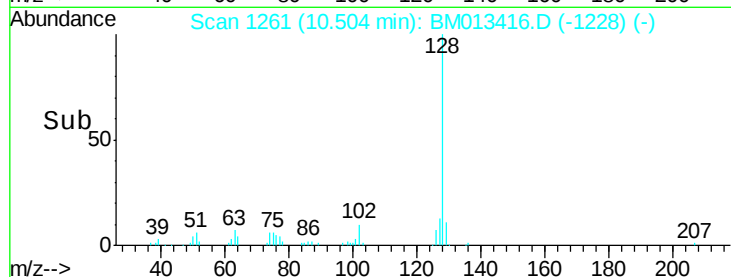
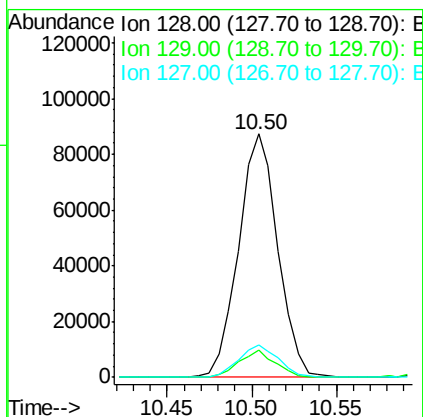
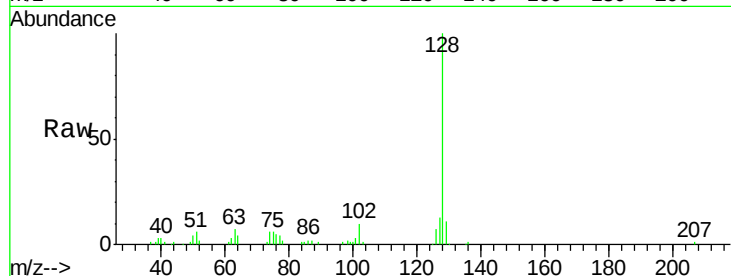




#28
Naphthalene
Concen: 3.64 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM013416.D
Acq: 14 Dec 2017 23:30

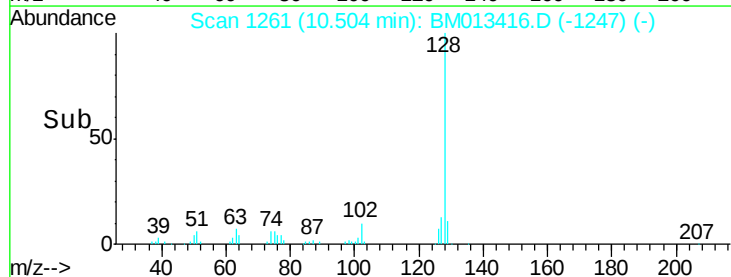
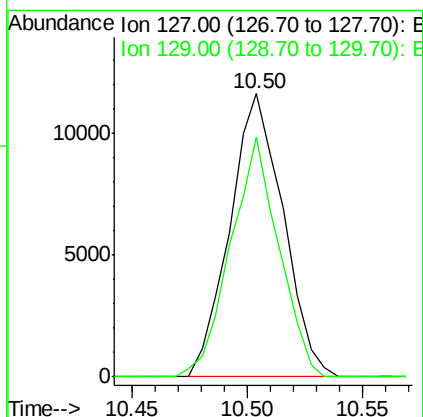
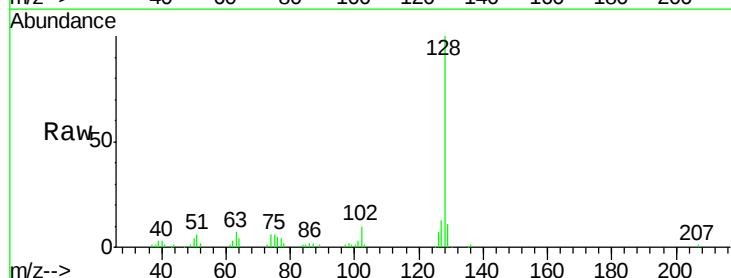
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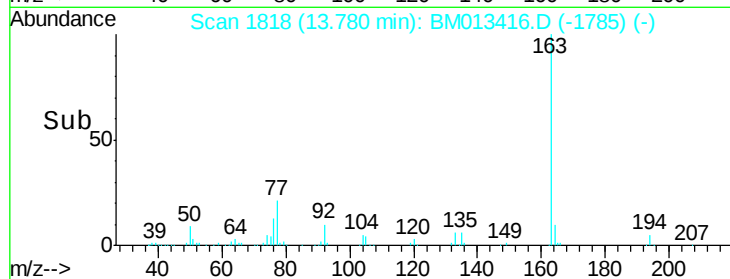
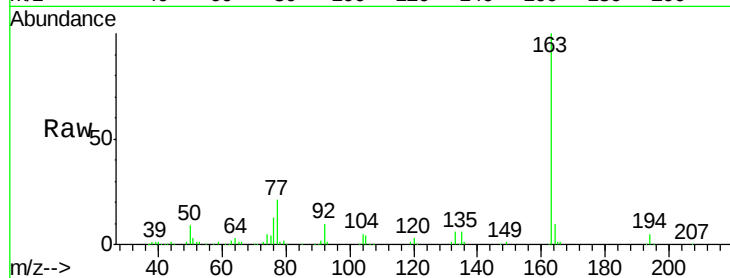
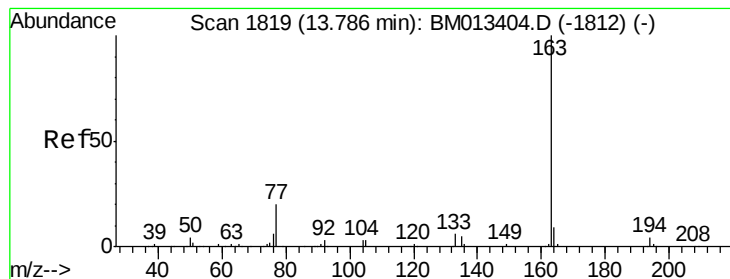
Tgt Ion:128 Resp: 140871
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.6 16.0



#30
4-Chloroaniline
Concen: 1.59 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013416.D
Acq: 14 Dec 2017 23:30

Tgt Ion:127 Resp: 18666
Ion Ratio Lower Upper
127 100
129 84.7 28.4 42.6#





#44

Dimethylphthalate

Concen: 8.66 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM013416.D

Acq: 14 Dec 2017 23:30

Instrument :

BNA_M

ClientSampleId :

F9A82

Tgt Ion:163 Resp: 343998

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

164 10.5 8.2 12.4

Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

