

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
 Data File : BM016825.D
 Acq On : 21 Sep 2018 10:54
 Operator : SJ/JU
 Sample : J5012-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08N4

Manual Integrations
 APPROVED

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Quant Time: Sep 24 11:40:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 22 01:08:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177333m	20.00	ng/ul	0.05
18) Naphthalene-d8	10.51	136	1072083	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	585958	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1334168	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1557620	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1658095	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	33126m	7.99	ng/uL	0.00
5) Phenol-d5	6.90	99	131638	8.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	431621	46.60	ng/ul	0.03
9) 2-Chlorophenol-d4	7.27	132	470087	38.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	281394	24.31	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	307630	43.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.60	143	300747	46.96	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	548549	33.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	43889	2.23	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1767682	37.57	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2308029	37.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	48277	6.25	ng/ul	0.00
58) Fluorene-d10	15.36	176	1615707	39.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	204979	37.43	ng/ul	0.00
71) Anthracene-d10	17.20	188	2490826	38.70	ng/ul	0.00
79) Pyrene-d10	19.50	212	2876821	38.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3395508	39.26	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.92	94	43915	2.941	ng/ul 97
10) 2-Chlorophenol	7.30	128	172252	14.049	ng/ul 96
20) Nitrobenzene	8.93	77	25032	1.405	ng/ul# 85
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	64651m	3.213	ng/ul
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	95857	4.341	ng/uL 94

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

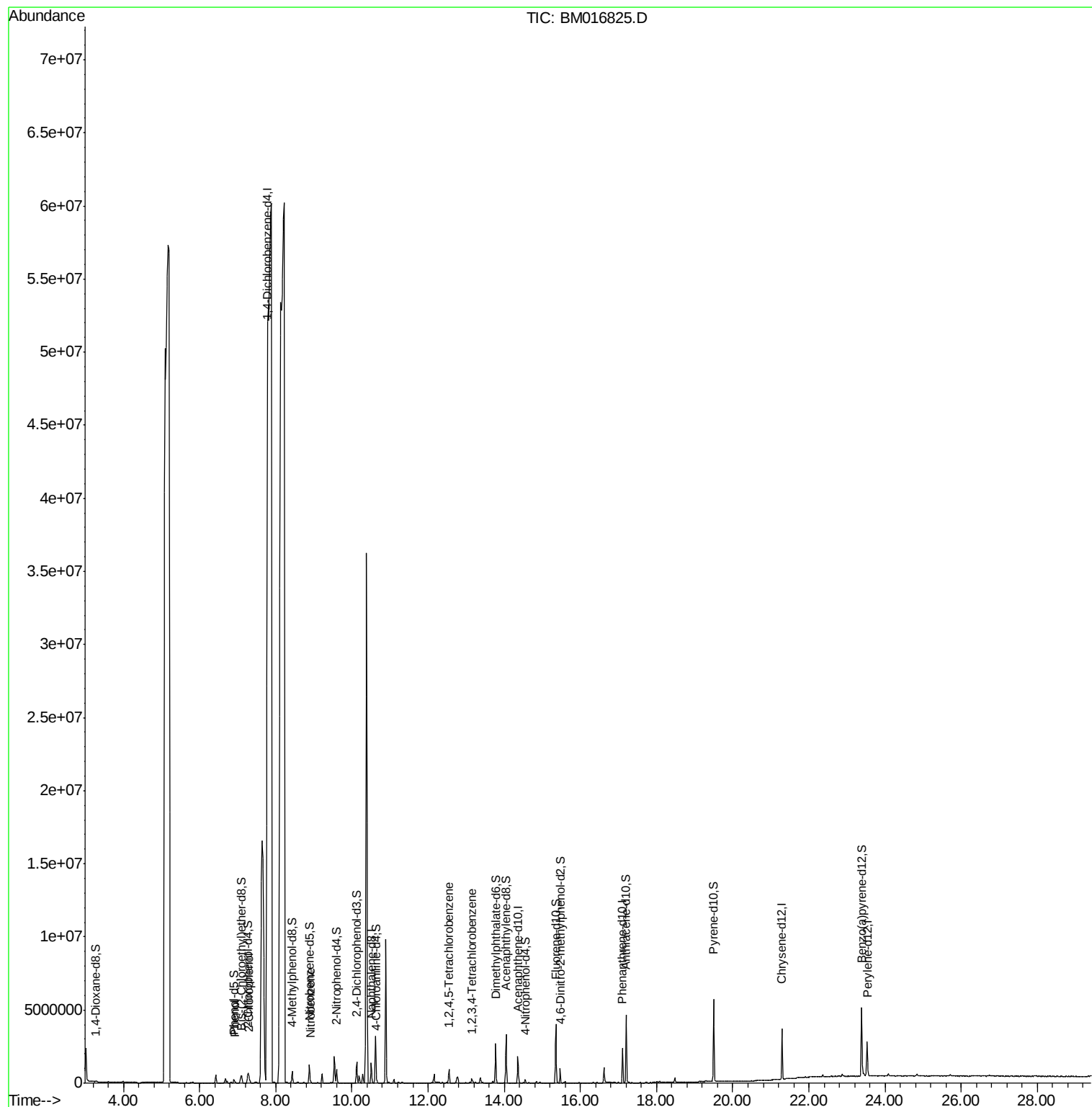
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
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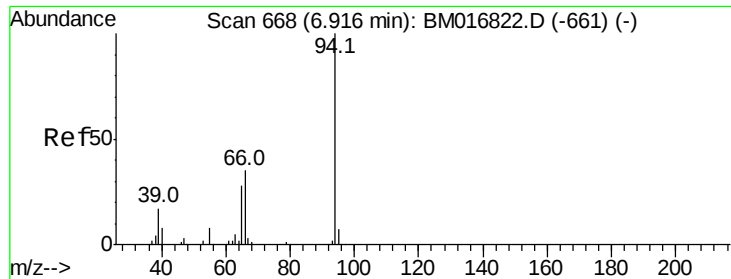
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#6

Phenol

Concen: 2.941 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM016825.D

Acq: 21 Sep 2018 10:54

Instrument :

BNA_M

ClientSampleId :

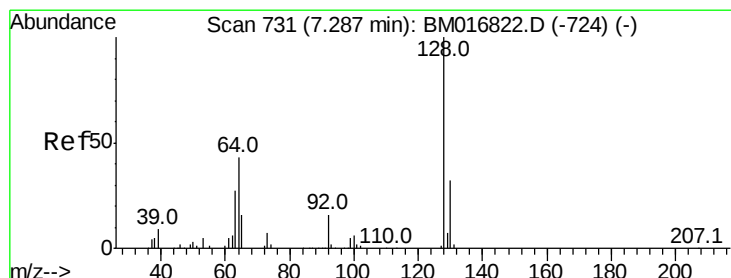
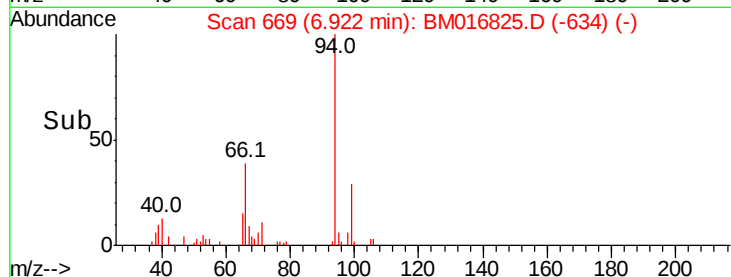
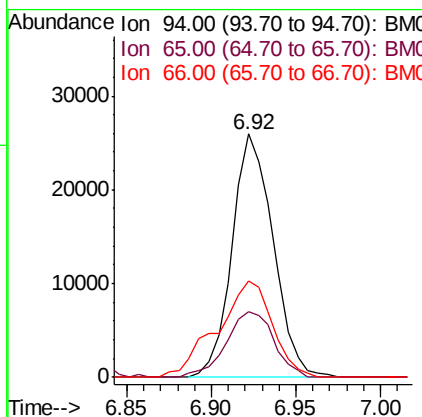
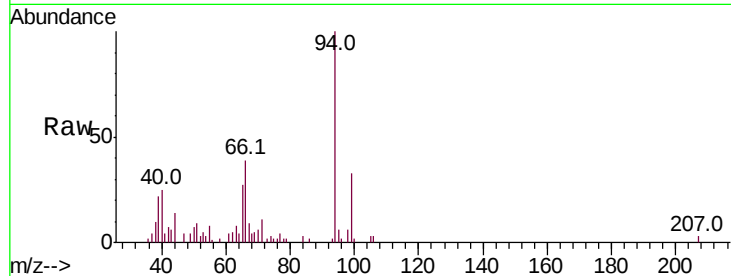
C08N4

Tot Ion:	94	Resp:	43915
Ion Ratio	Lower	Upper	
94	100		
65	26.8	23.0	34.6
66	39.5	30.4	45.6

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#10

2-Chlorophenol

Concen: 14.049 ng/ul

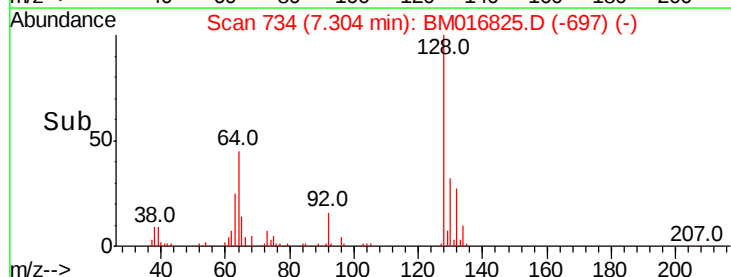
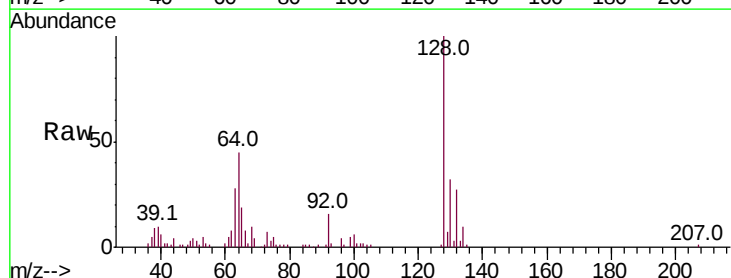
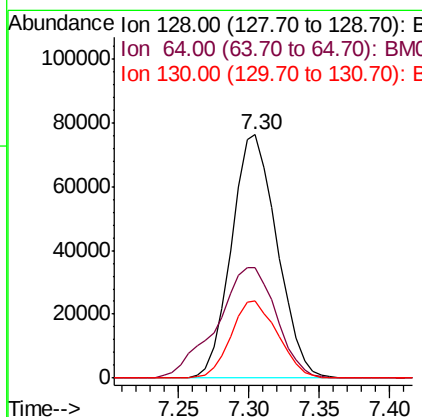
RT: 7.30 min Scan# 734

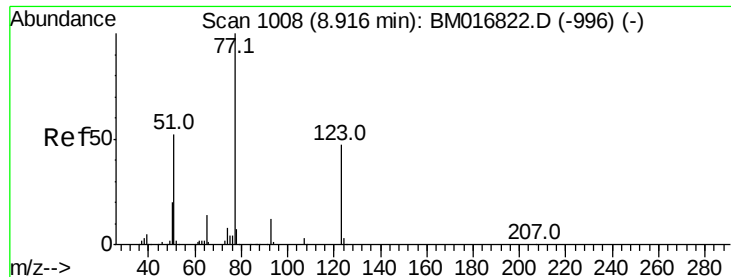
Delta R.T. 0.02 min

Lab File: BM016825.D

Acq: 21 Sep 2018 10:54

Tgt Ion:	128	Resp:	172252
Ion Ratio	Lower	Upper	
128	100		
64	45.3	39.8	59.6
130	31.7	25.8	38.8





#20

Nitrobenzene

Concen: 1.405 ng/ul

RT: 8.93 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BM016825.D

Acq: 21 Sep 2018 10:54

Instrument :

BNA_M

ClientSampled :

C08N4

Tot Ion: 77 Resp: 25032

Ion Ratio Lower Upper

77 100

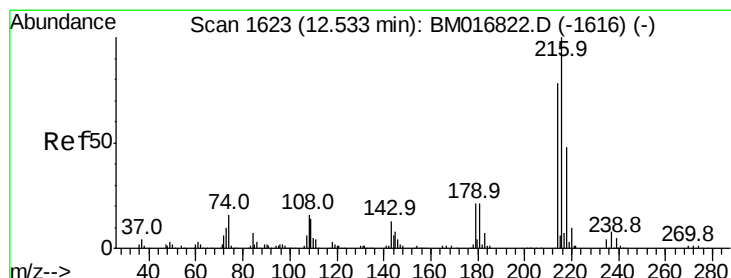
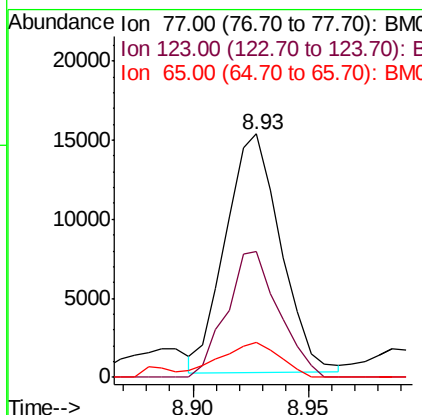
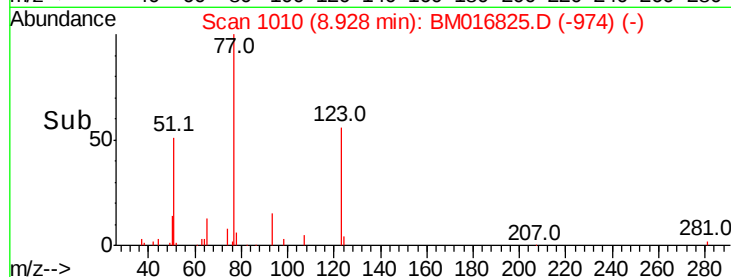
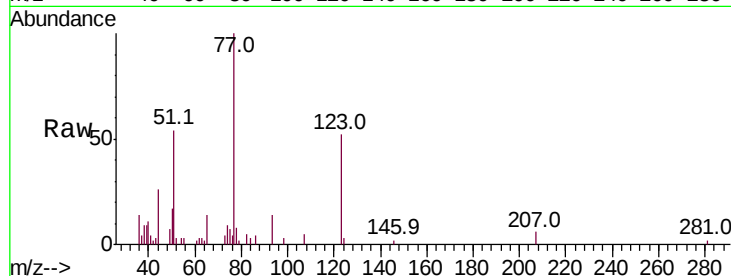
123 51.6 31.8 47.8#

65 14.2 10.6 16.0

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 3.213 ng/ul m

RT: 12.53 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BM016825.D

Acq: 21 Sep 2018 10:54

Tgt Ion: 216 Resp: 64651

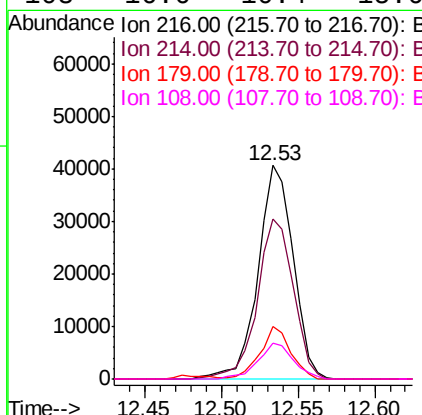
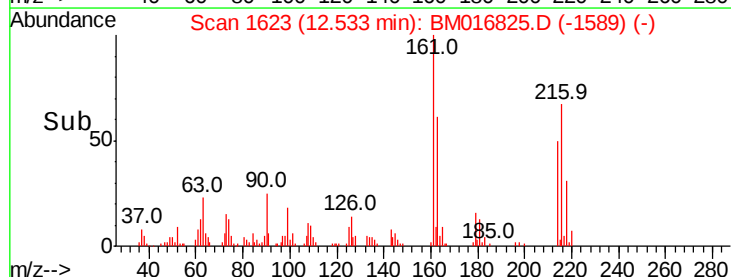
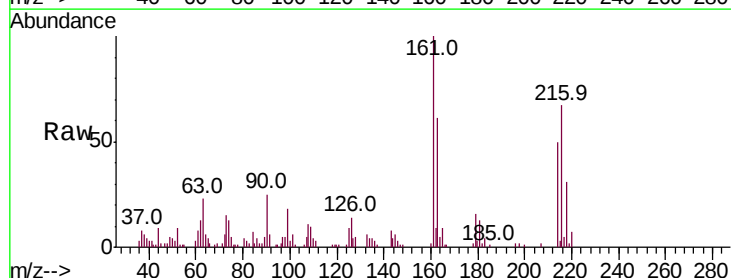
Ion Ratio Lower Upper

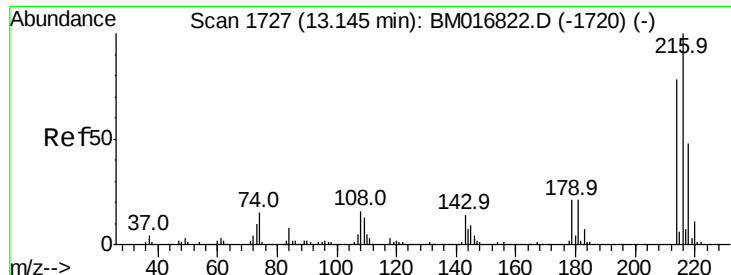
216 100

214 75.0 64.1 96.1

179 24.4 14.5 21.7#

108 16.6 10.4 15.6#





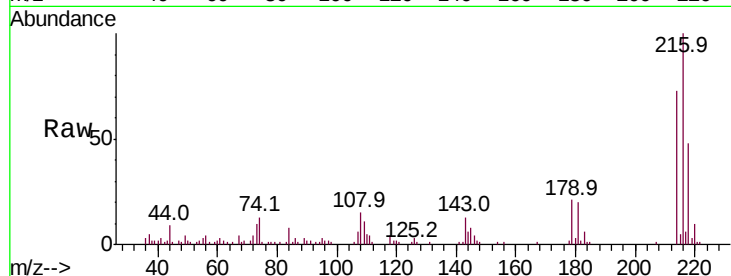
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 4.341 ng/uL
 RT: 13.15 min Scan# 1728
 Delta R.T. 0.01 min
 Lab File: BM016825.D
 Acq: 21 Sep 2018 10:54

Instrument :
 BNA_M
 ClientSampleId :
 C08N4

Tot Ion:	216	Resp:	95857
Ion Ratio	Lower	Upper	
216	100		
214	72.9	64.1	96.1
218	47.8	39.4	59.0

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Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

