

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
 Data File : BM009404.D
 Acq On : 25 Mar 2017 05:37
 Operator : SJ/MA
 Sample : I2358-08DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BK4DL

Quant Time: Mar 25 06:46:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 25 01:48:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	180741	20.00	ng/ul	0.01
18) Naphthalene-d8	10.66	136	644171	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	351637	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.34	188	271722	20.00	ng/ul	0.10
77) Chrysene-d12	21.42	240	1025818	20.00	ng/ul	0.00
85) Perylene-d12	23.74	264	992525	20.00	ng/ul	0.00

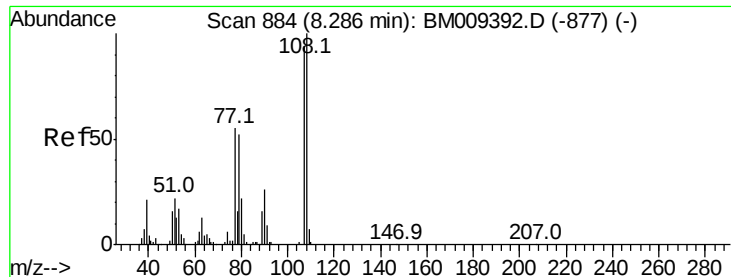
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	5030	1.06	ng/uL	0.00
5) Phenol-d5	7.01	99	21991	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	68511	5.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	50944	4.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	36581	3.00	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	29330	6.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	31021	6.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	56300	5.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	2833	0.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	190476	7.70	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	225795	7.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	4418	0.97	ng/ul	0.00
57) Fluorene-d10	15.49	176	172872	7.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	20287	11.81	ng/ul	0.00
70) Anthracene-d10	17.34	188	271338	20.94	ng/ul	0.00
78) Pyrene-d10	19.63	212	322334	7.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.59	264	326787	7.15	ng/ul	0.00

Target Compounds

						Ovalue
11) 2-Methylphenol	8.25	108	399353	33.01	ng/ul	92
20) Nitrobenzene	9.06	77	533160	33.40	ng/ul#	84
23) 2-Nitrophenol	9.76	139	6401	1.18	ng/ul#	34
32) Caprolactam	11.47	113	8969	2.87	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	92185	7.80	ng/ul	91
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	328553	82.25	ng/uL	99

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



#11

2-Methylphenol

Concen: 33.01 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. -0.04 min

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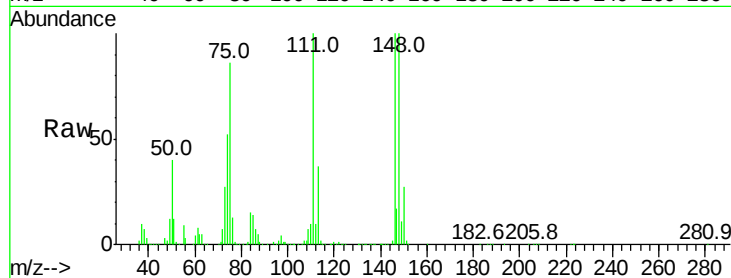
C0BK4DL

Tot Ion:108 Resp: 399353

Ion Ratio Lower Upper

108 100

107 98.3 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.25

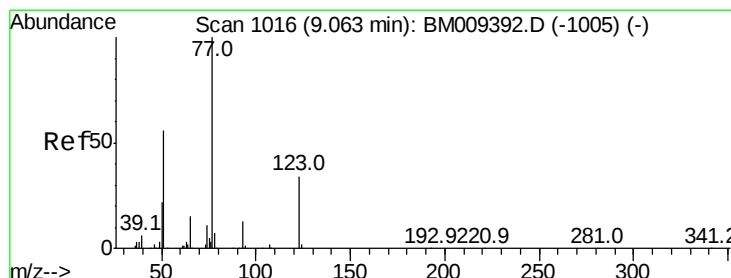
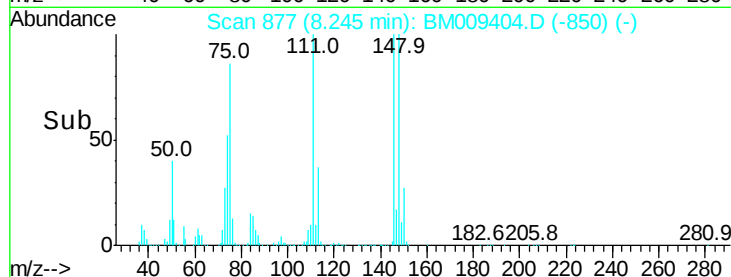
150000

100000

50000

0

Time-->



#20

Nitrobenzene

Concen: 33.40 ng/ul

RT: 9.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BM009404.D

Acq: 25 Mar 2017 05:37

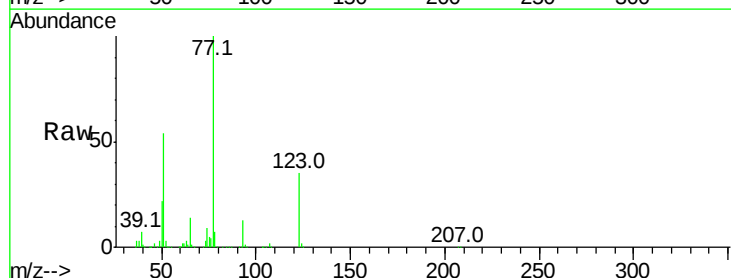
Tgt Ion: 77 Resp: 533160

Ion Ratio Lower Upper

77 100

123 35.1 39.0 58.4#

65 13.8 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 123.00 (122.70 to 123.70): BMC

Ion 65.00 (64.70 to 65.70): BMC

400000

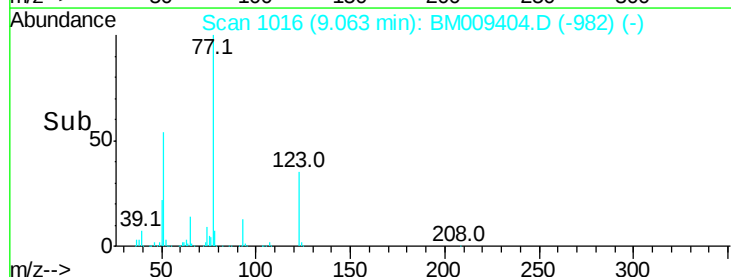
300000

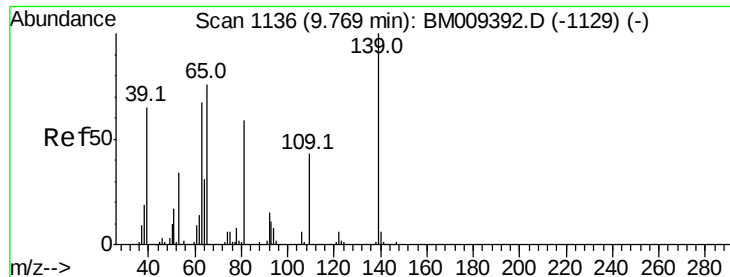
200000

100000

0

Time-->





#23

2-Nitrophenol

Concen: 1.18 ng/ul

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009404.D

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Instrument :

BNA_M

ClientSampleId :

C0BK4DL

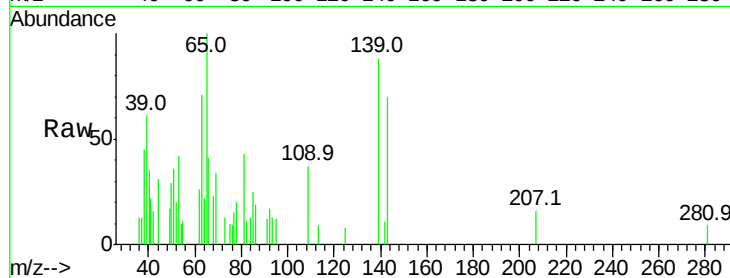
Tot Ion:139 Resp: 6401

Ion Ratio Lower Upper

139 100

65 113.3 36.3 54.5#

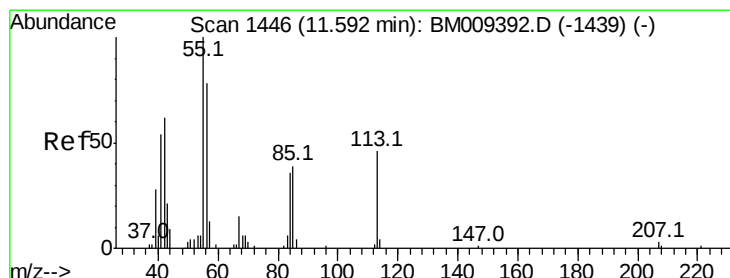
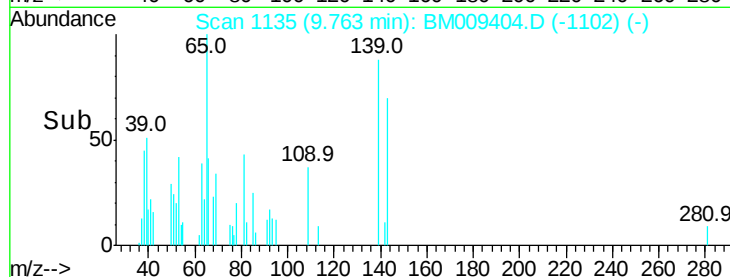
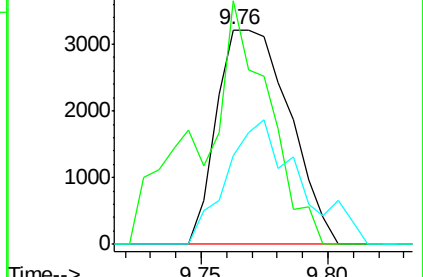
109 41.5 26.4 39.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 2.87 ng/ul

RT: 11.47 min Scan# 1425

Delta R.T. -0.12 min

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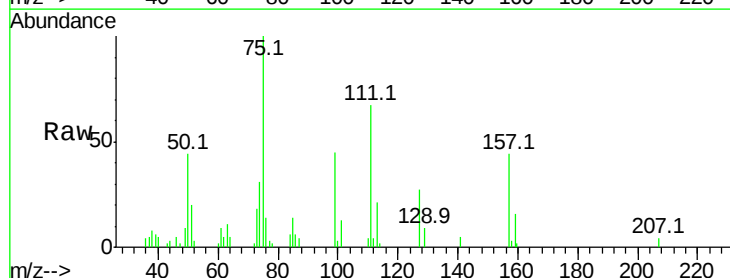
Tgt Ion:113 Resp: 8969

Ion Ratio Lower Upper

113 100

55 0.0 101.9 152.9#

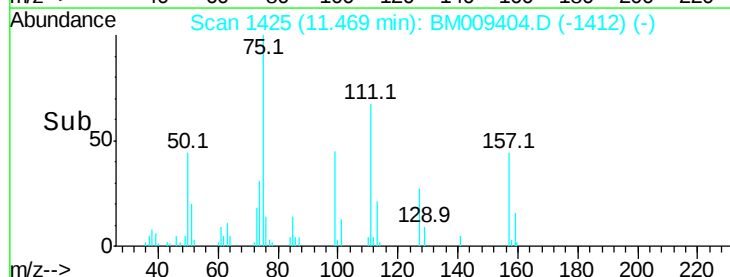
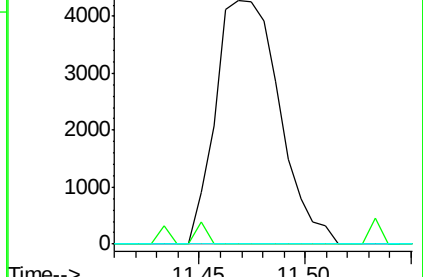
56 0.0 81.2 121.8#

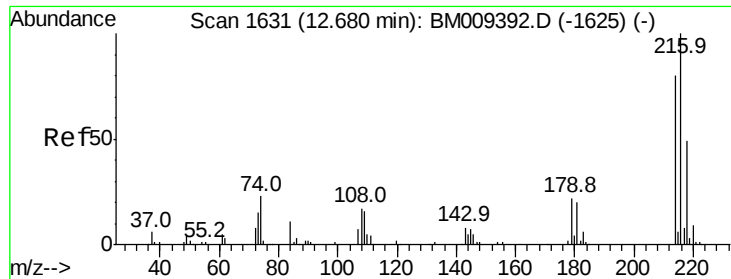


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

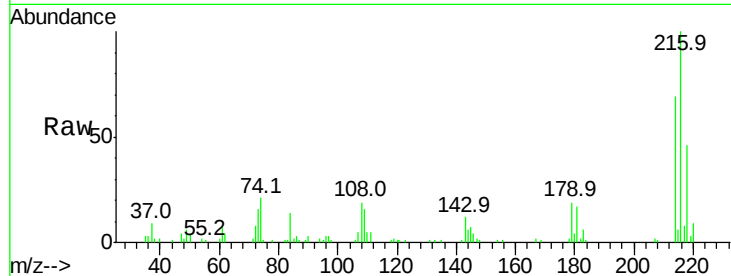




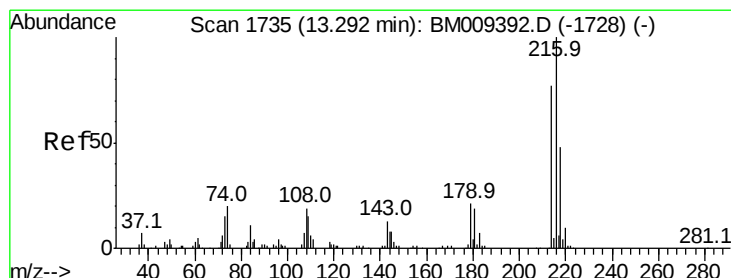
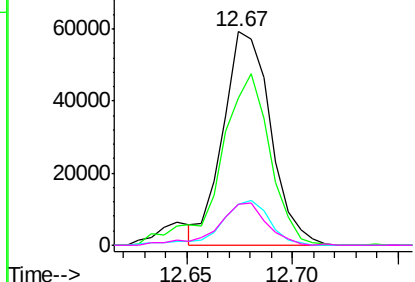
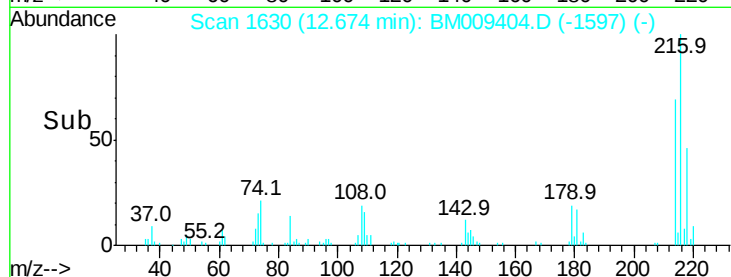
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.80 ng/ul
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009404.D
 Acq: 25 Mar 2017 05:37

Instrument :
 BNA_M
 ClientSampleId :
 C0BK4DL

Tot Ion:	216	Resp:	92185
Ion	Ratio	Lower	Upper
216	100		
214	68.7	62.5	93.7
179	18.9	18.2	27.2
108	19.2	14.2	21.2

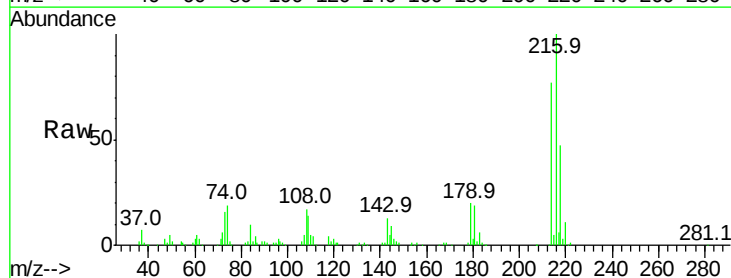


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 82.25 ng/uL
 RT: 13.29 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BM009404.D
 Acq: 25 Mar 2017 05:37

Tgt Ion:	216	Resp:	328553
Ion	Ratio	Lower	Upper
216	100		
214	77.0	62.5	93.7
218	46.8	38.4	57.6



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

