

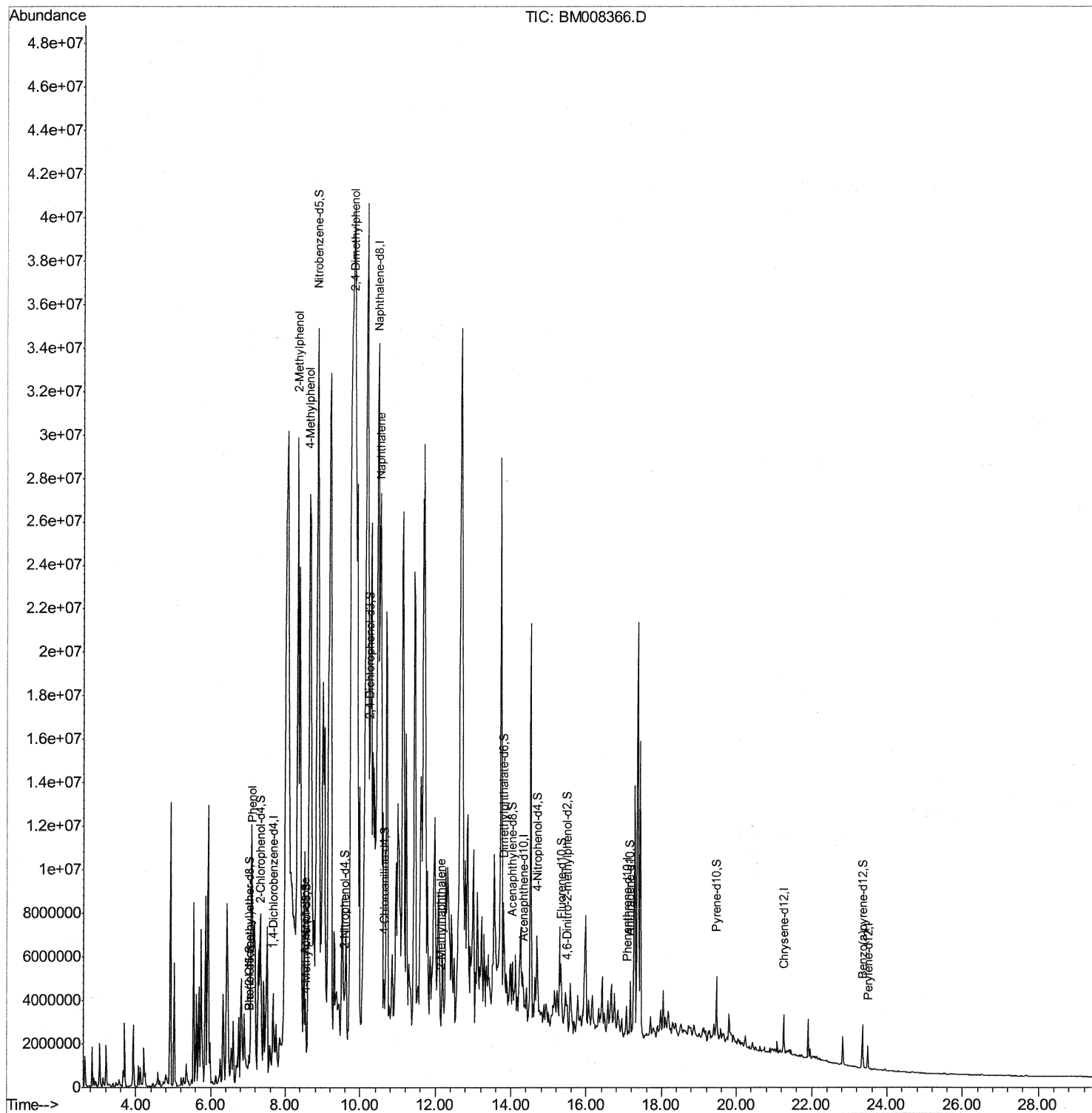
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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sohil
12/16/2016 6:22:28 PM

Quant Time: Dec 16 12:06:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration



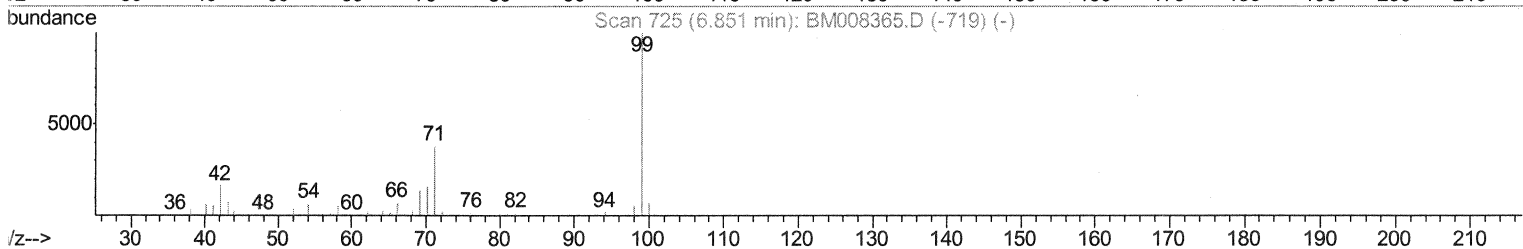
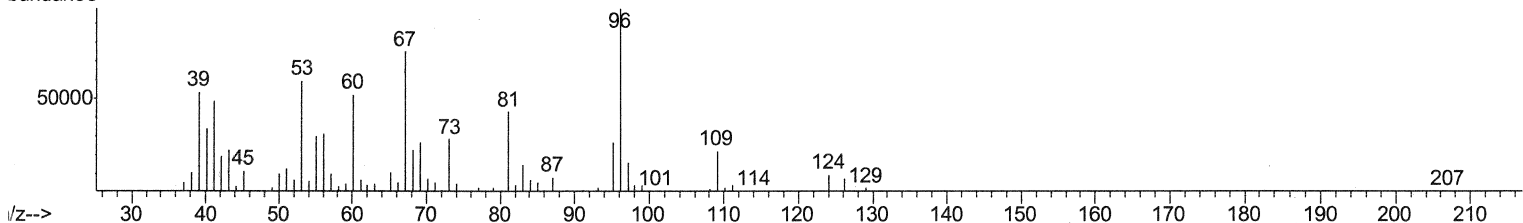
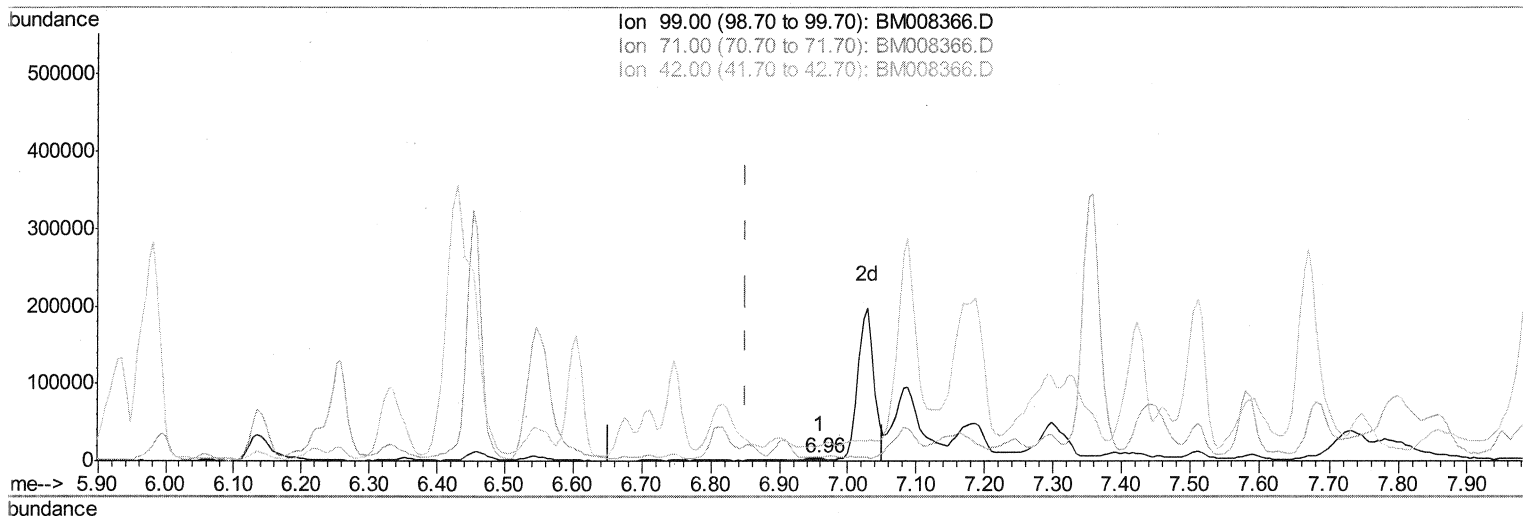
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration



TIC: BM008366.D

(5) Phenol-d5 (S)

6.958min (+0.106) 0.35ng/ul

response 4611

Ion	Exp%	Act%
99.00	100	100
71.00	37.60	127.36#
42.00	17.00	519.83#
0.00	0.00	0.00

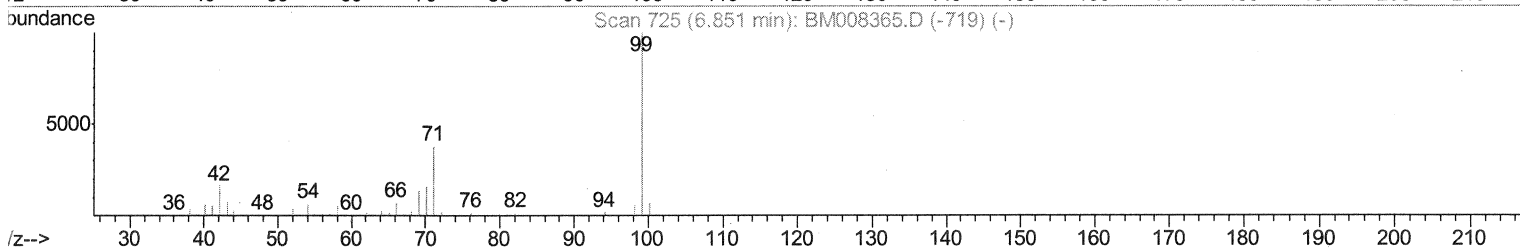
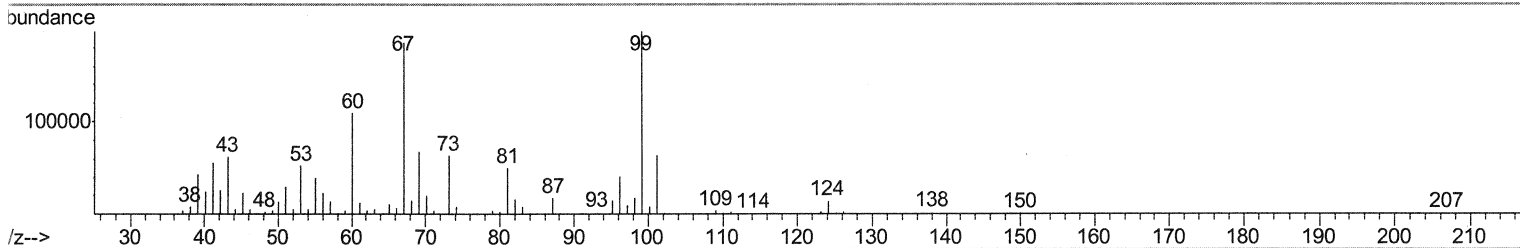
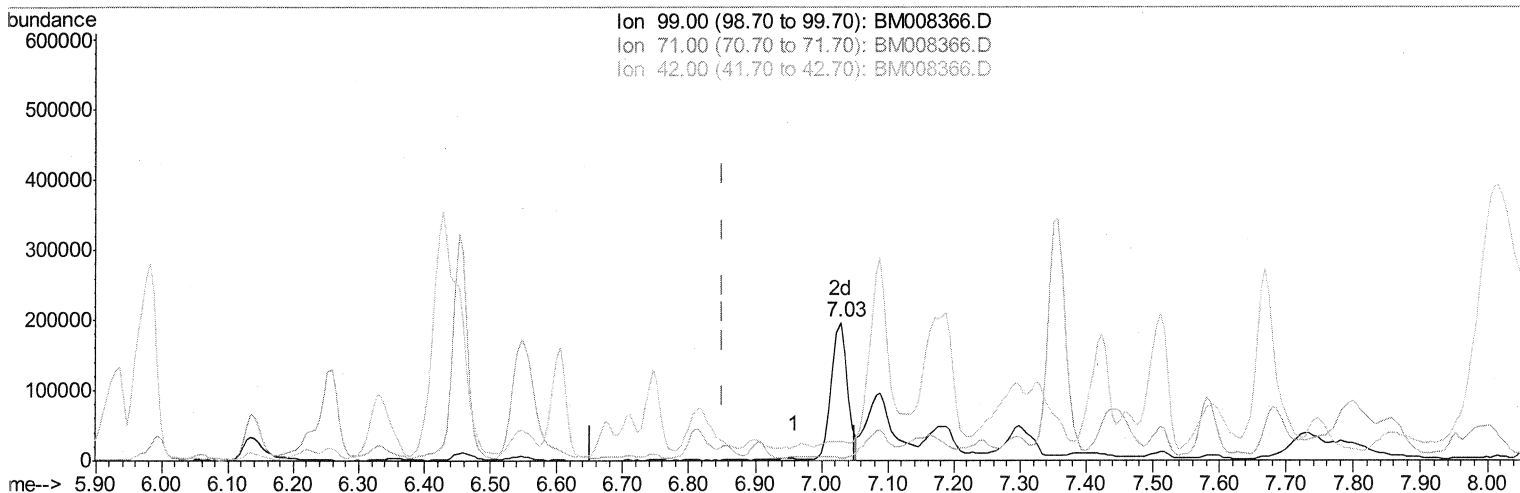
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BM008366.D

(5) Phenol-d5 (S)

7.028min (+0.177) 25.03ng/ul m 53 12/20/16

response 333236

Ion	Exp%	Act%
99.00	100	100
71.00	37.60	2.19#
42.00	17.00	13.27#
0.00	0.00	0.00

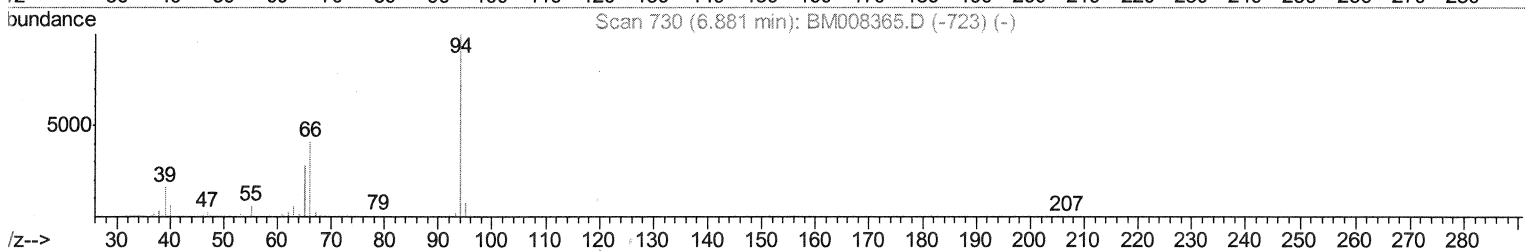
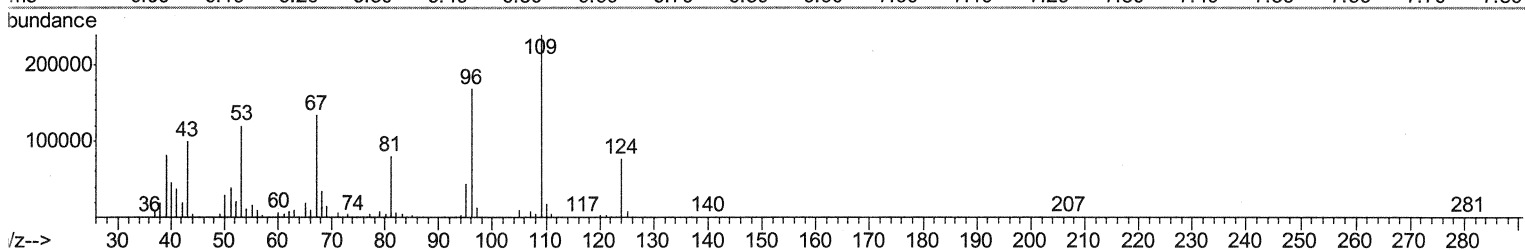
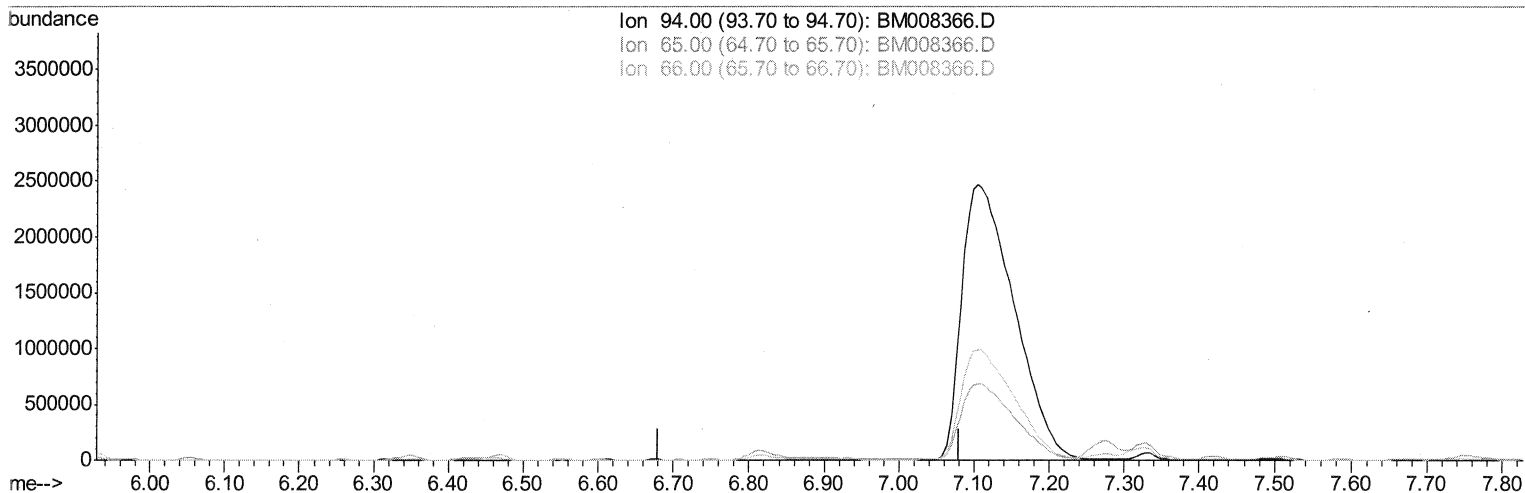
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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QLast Update : Fri Dec 16 05:34:14 2016
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TIC: BM008366.D

(6) Phenol

6.881min (-6.881) 0.00ng/ul

response 0

Ion	Exp%	Act%
94.00	100	0.00
65.00	28.30	0.00#
66.00	44.80	0.00#
0.00	0.00	0.00

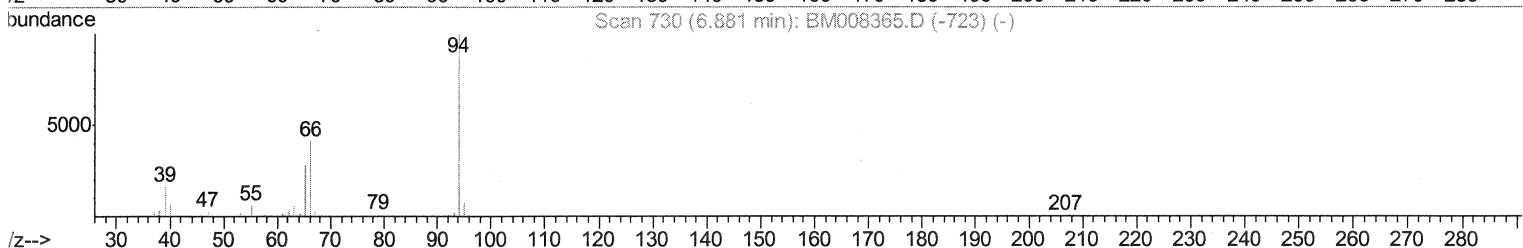
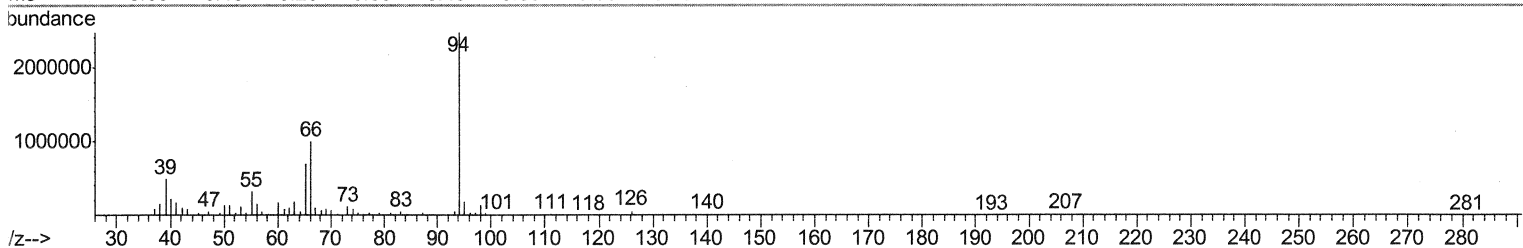
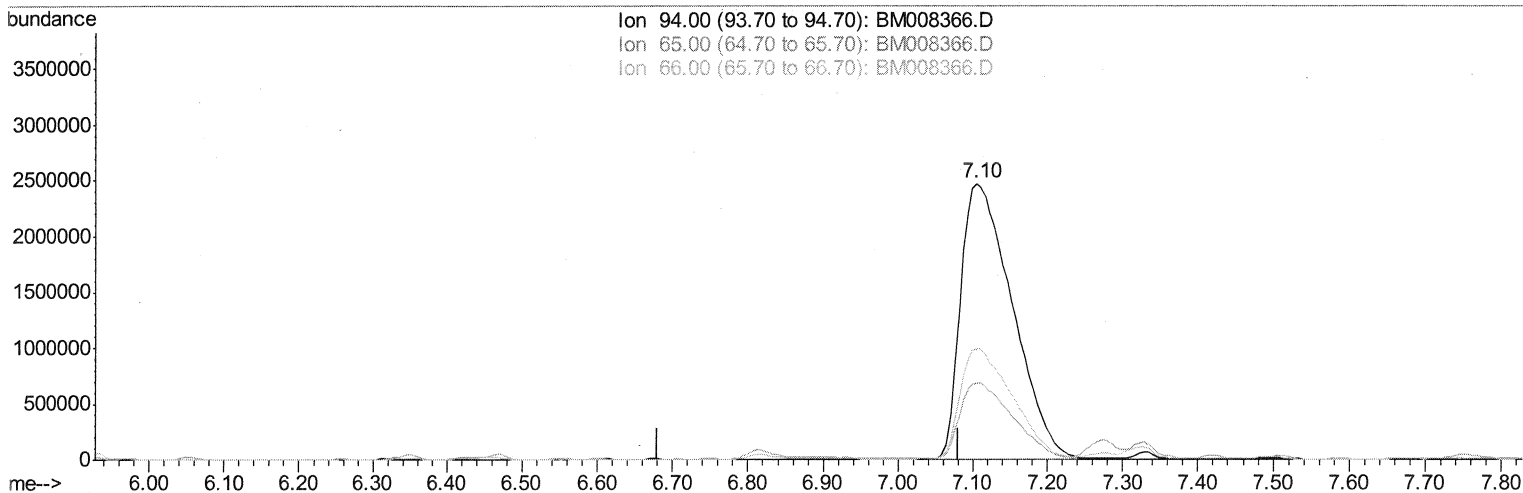
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 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
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 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration



TIC: BM008366.D

(6) Phenol

7.105min (+0.224) 867.57ng/ul m

SJ 12/20/16

response 11991611

Ion	Exp%	Act%
94.00	100	100
65.00	28.30	27.83
66.00	44.80	40.11
0.00	0.00	0.00

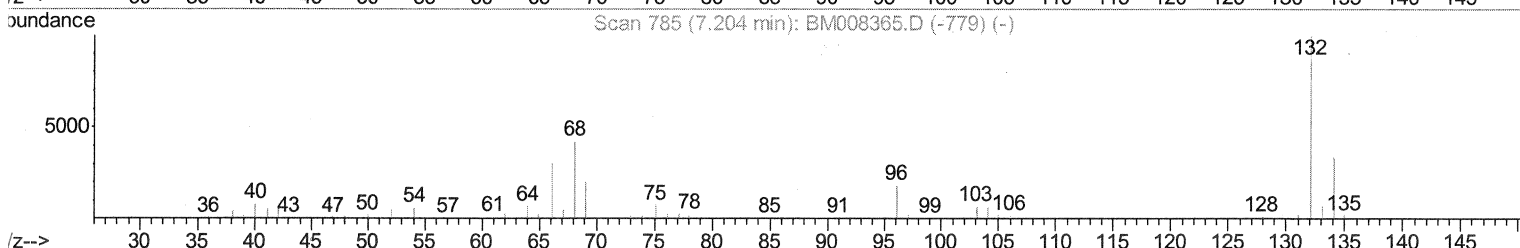
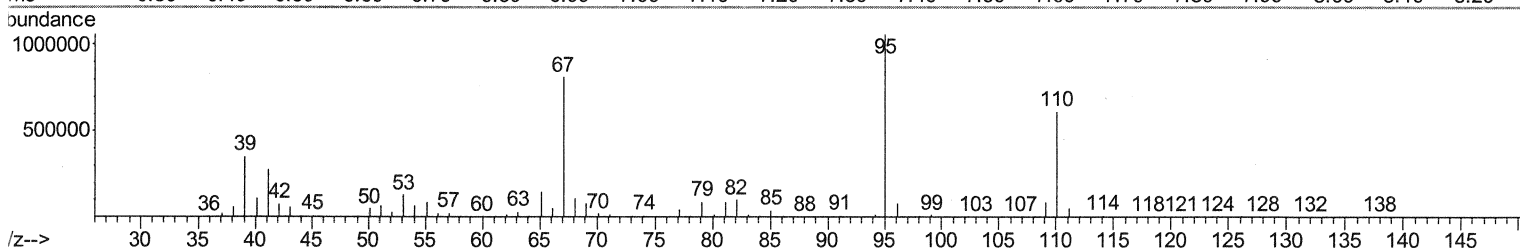
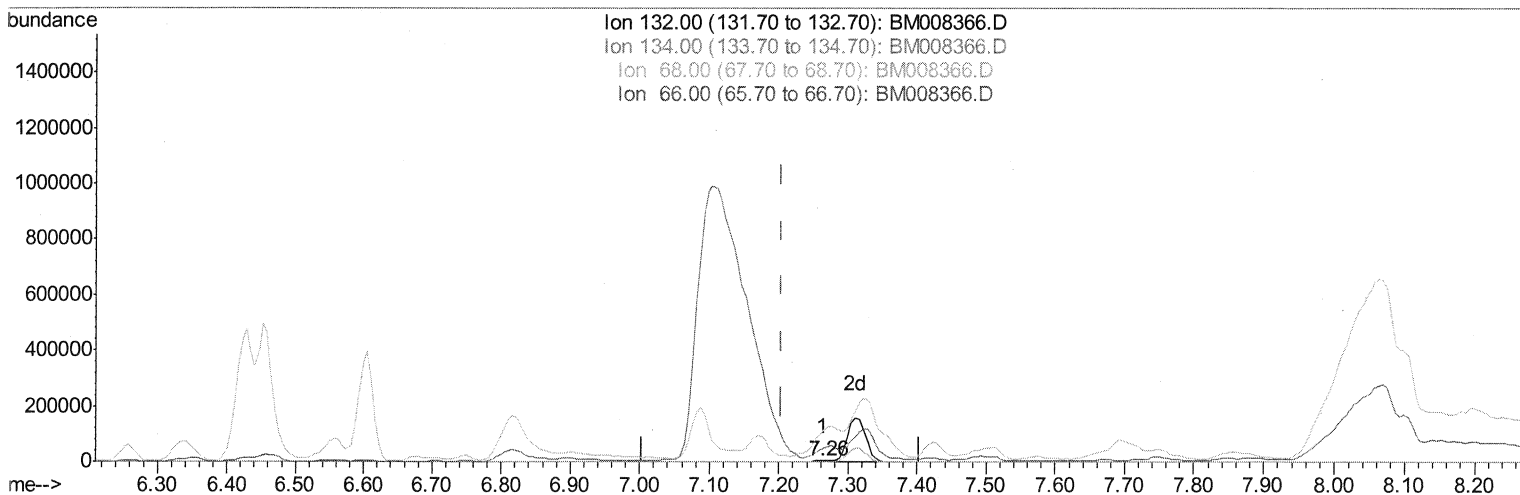
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 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
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TIC: BM008366.D

(9) 2-Chlorophenol-d4 (S)

7.264min (+0.059) 0.78ng/ul

response 7827

Ion	Exp%	Act%
132.00	100	100
134.00	32.10	34.93
68.00	48.80	3150.48#
66.00	30.60	1340.06#

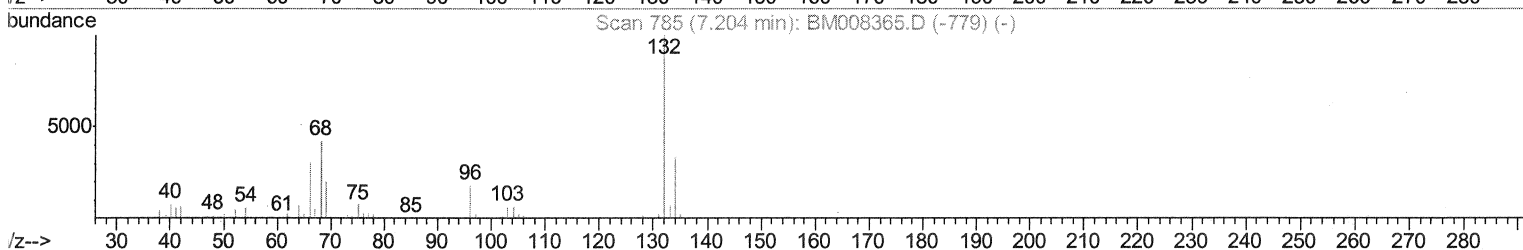
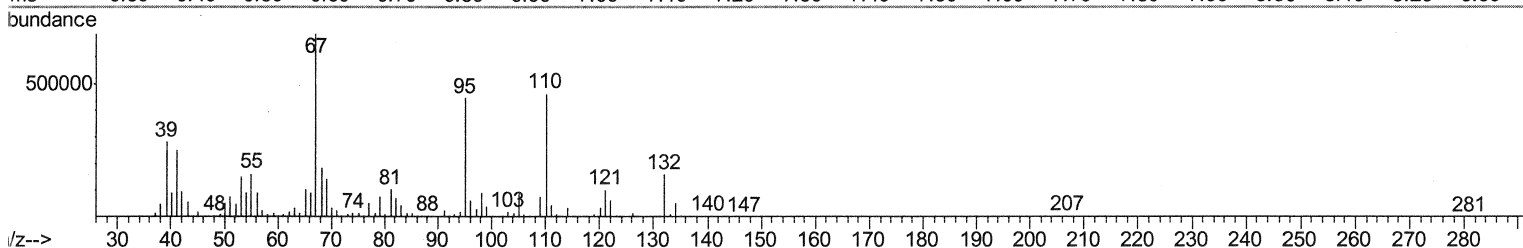
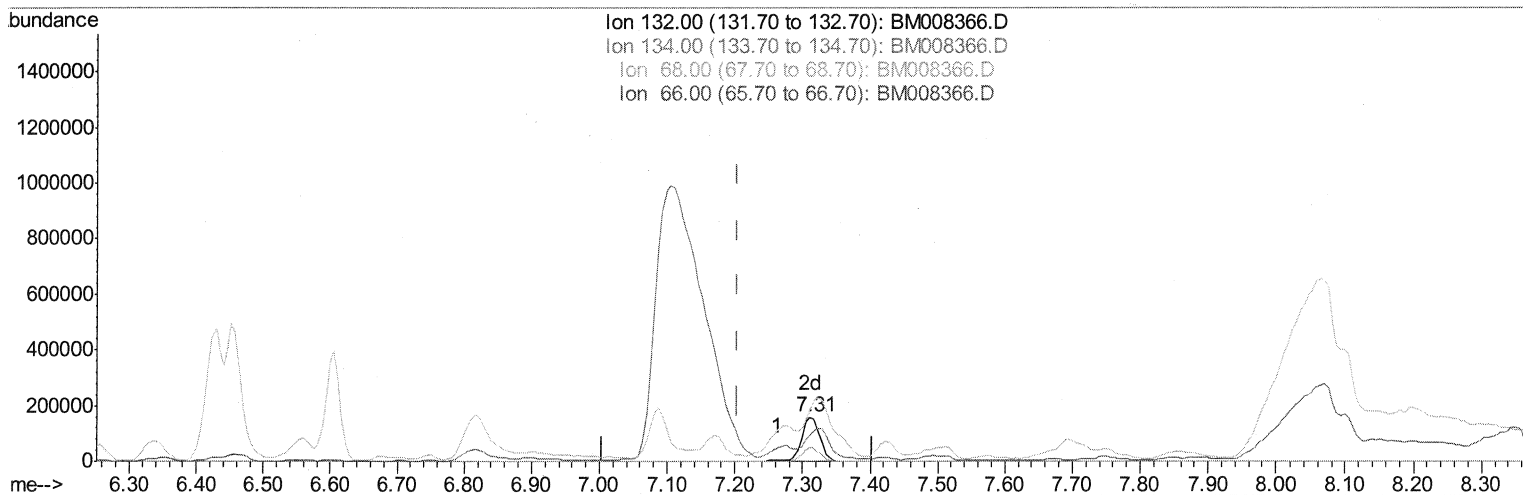
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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TIC: BM008366.D

(9) 2-Chlorophenol-d4 (S)

7.311min (+0.106) 29.38ng/ul m SJ 12/20/16

response 294245

Ion	Exp%	Act%
132.00	100	100
134.00	32.10	31.75
68.00	48.80	116.73#
66.00	30.60	57.19#

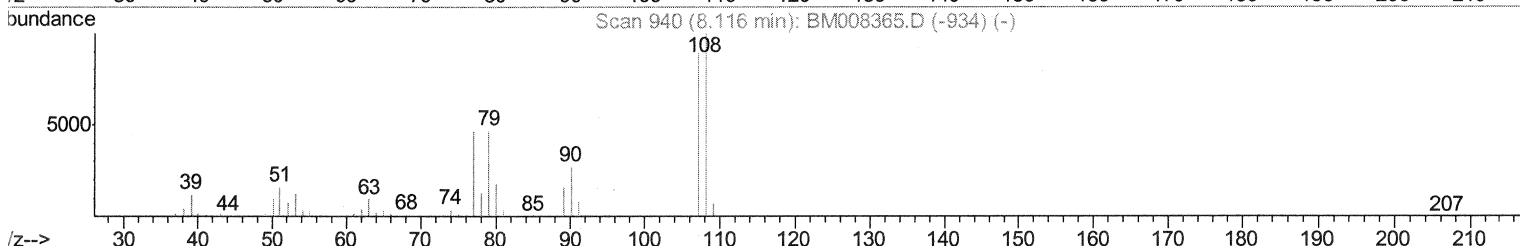
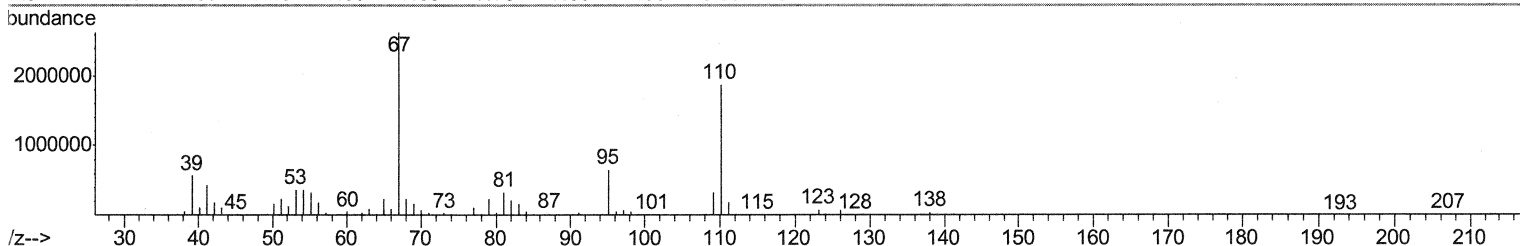
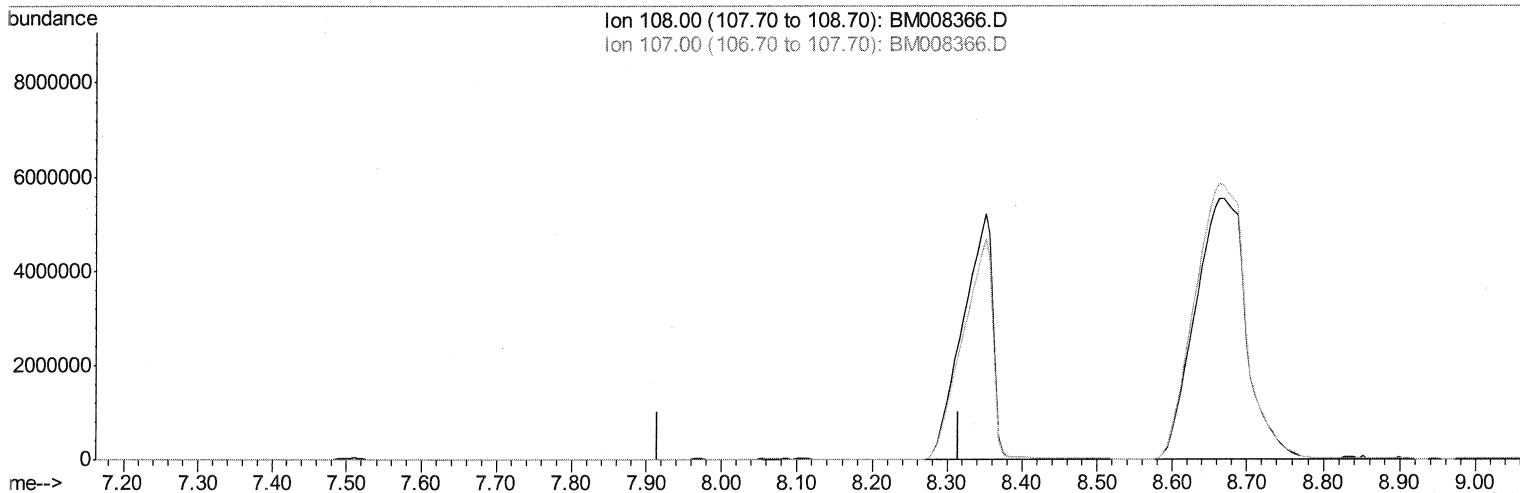
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 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
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TIC: BM008366.D

(11) 2-Methylphenol

8.116min (-8.116) 0.00ng/ul

response 0

Ion	Exp%	Act%
108.00	100	0.00
107.00	88.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

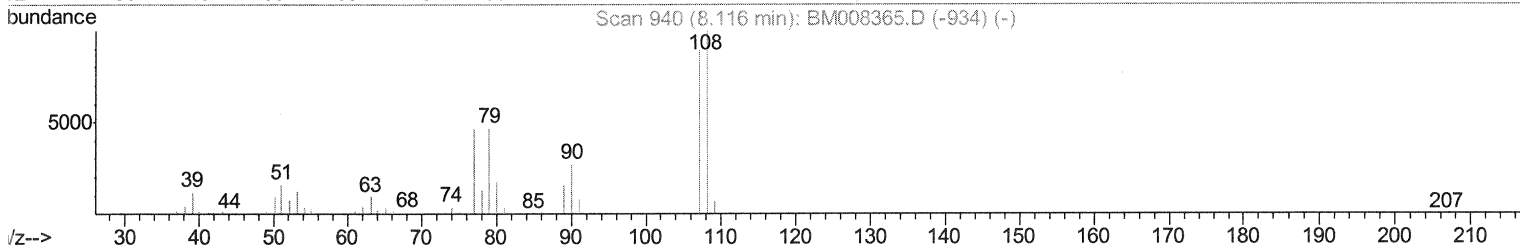
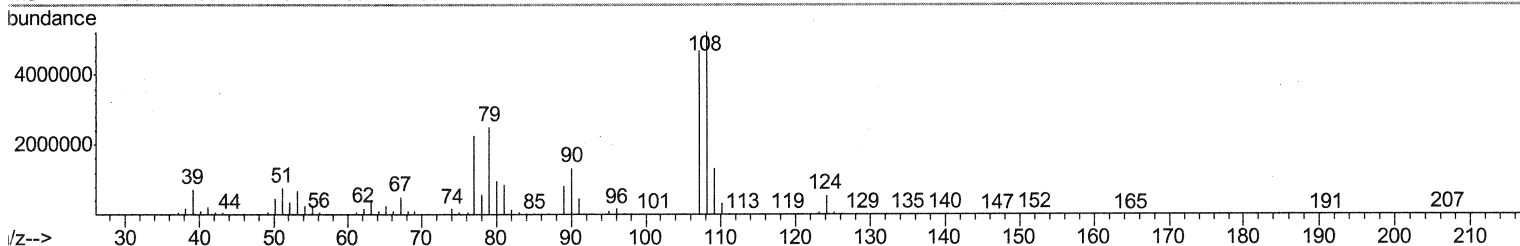
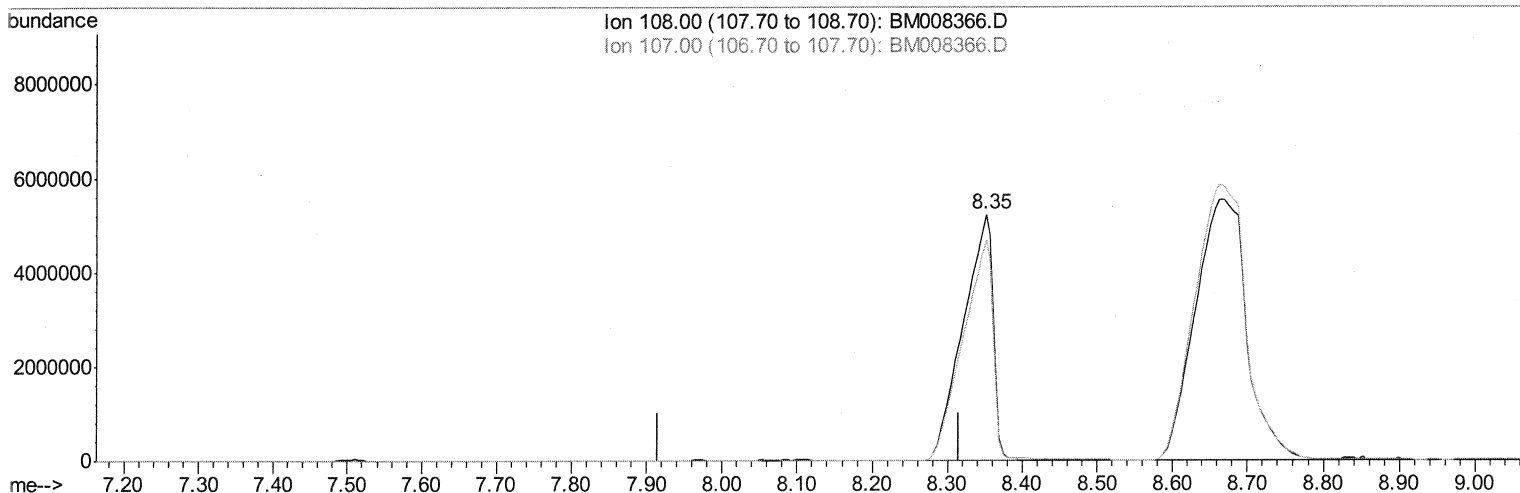
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
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 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
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 12/16/2016 6:22:28 PM

Quant Time: Dec 16 11:54:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BM008366.D

(11) 2-Methylphenol

8.352min (+0.236) 1438.77ng/ul m 53 12/20/16

response 14556268

Ion	Exp%	Act%
108.00	100	100
107.00	88.50	89.79
0.00	0.00	0.00
0.00	0.00	0.00

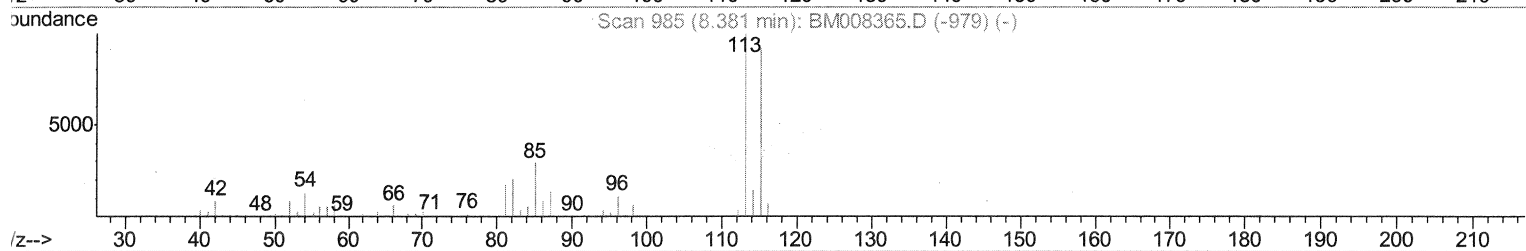
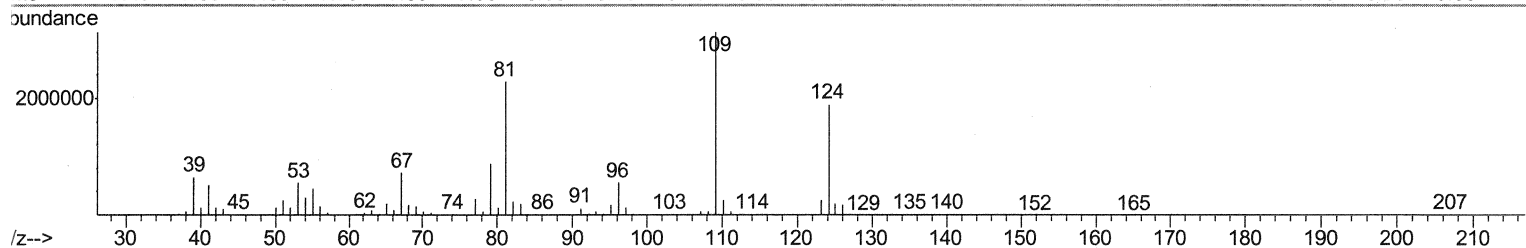
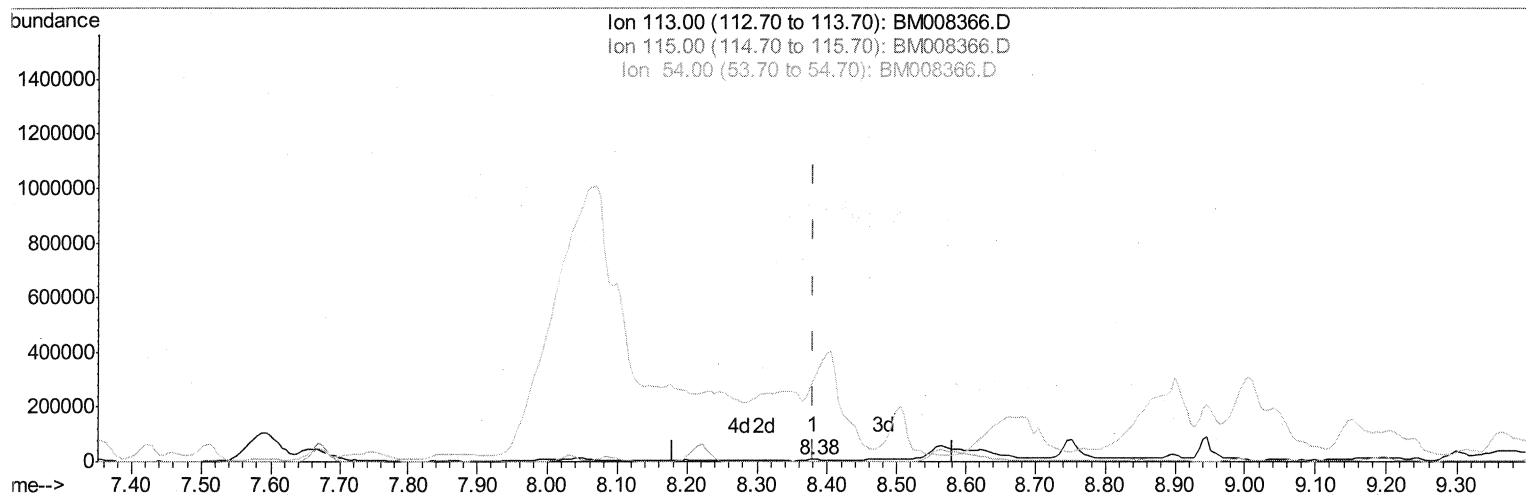
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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TIC: BM008366.D

(13) 4-Methylphenol-d8 (S)

8.381min (+0.000) 1.03ng/ul

response 10589

Ion	Exp%	Act%
113.00	100	100
115.00	87.30	10.43#
54.00	14.60	3848.00#
0.00	0.00	0.00

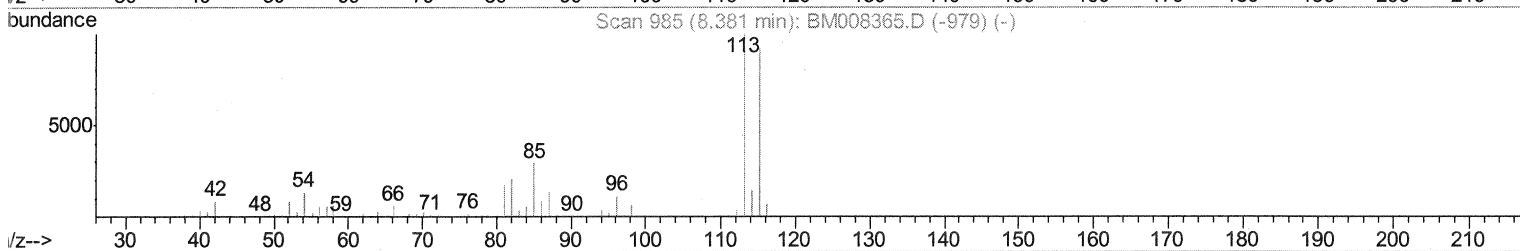
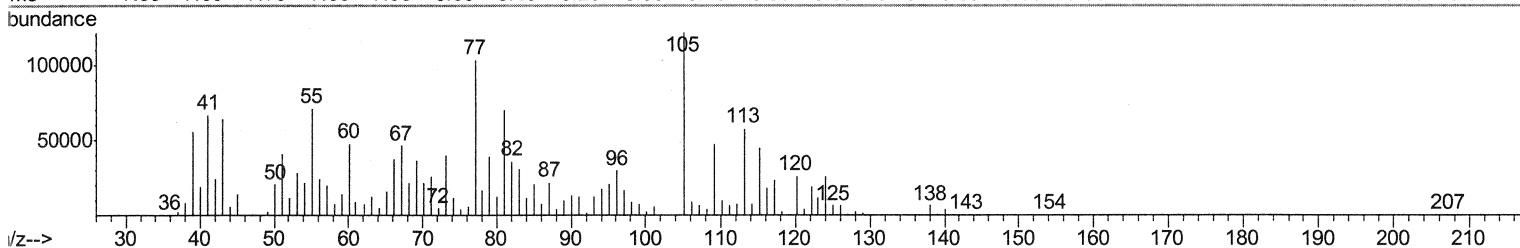
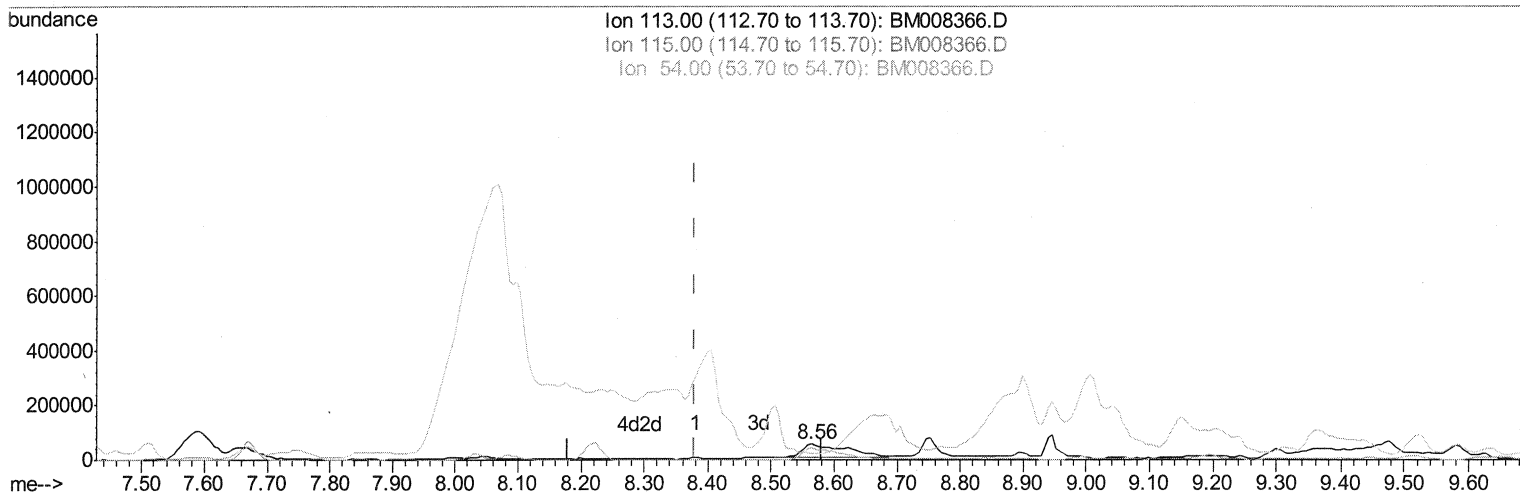
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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12/16/2016 6:22:28 PM

Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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TIC: BM008366.D

(13) 4-Methylphenol-d8 (S)

8.563min (+0.183) 24.83ng/ul m

SJ 12/20/16

response 255981

Ion	Exp%	Act%
113.00	100	100
115.00	87.30	77.64
54.00	14.60	38.45#
0.00	0.00	0.00

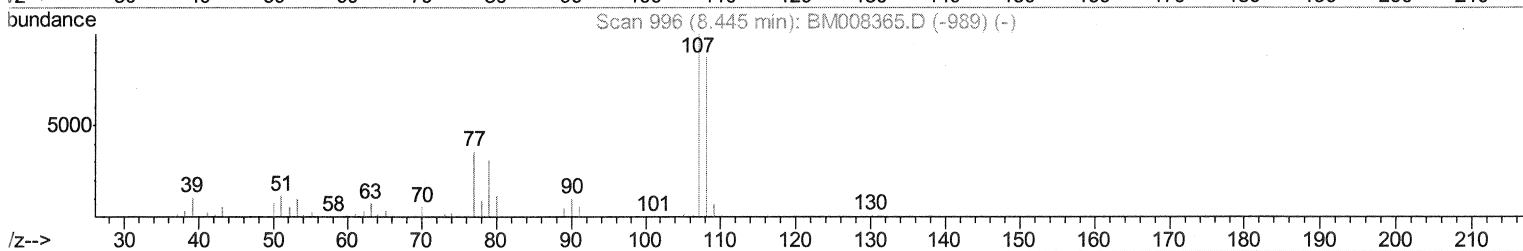
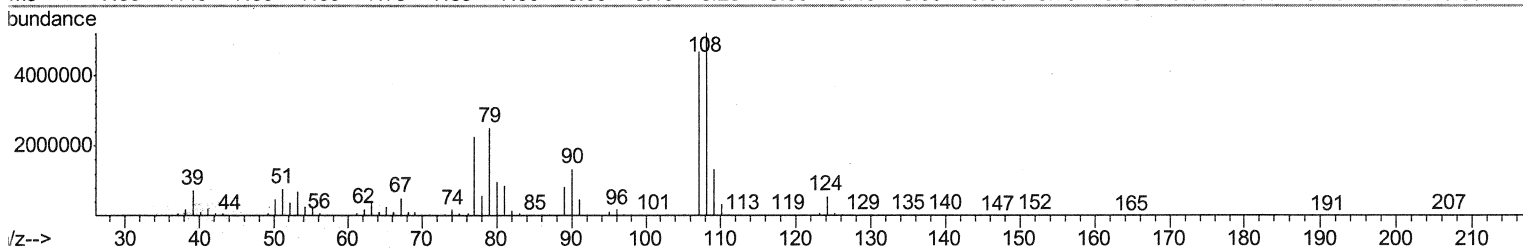
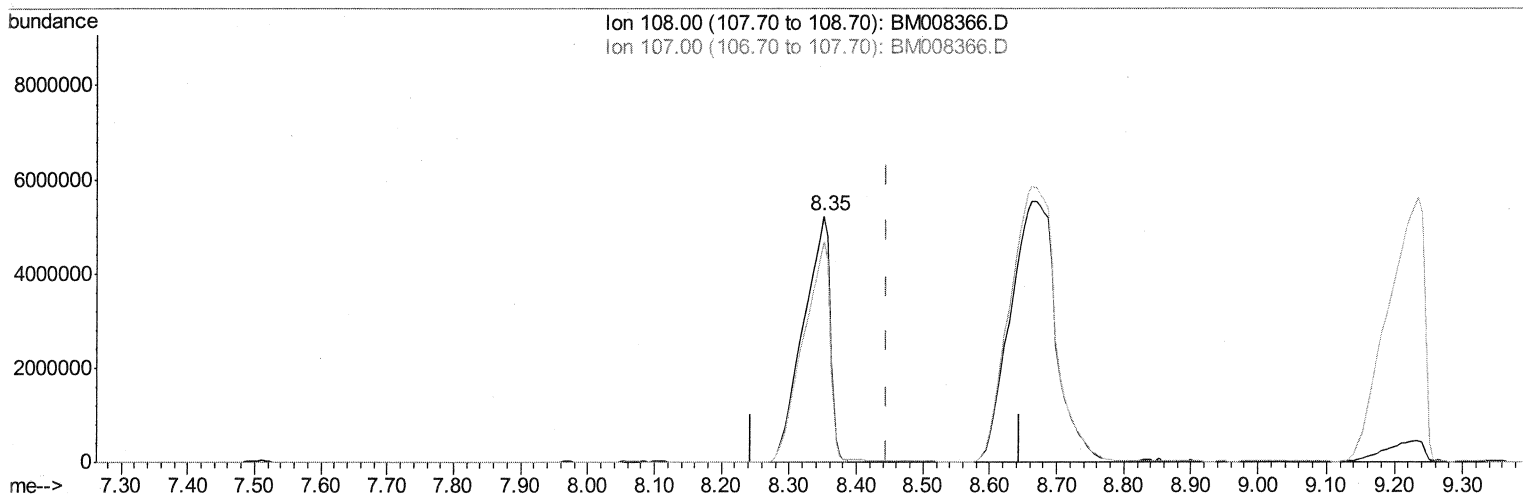
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DA8T1

Manual Integrations
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12/16/2016 6:22:28 PM

Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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Response via : Initial Calibration



TIC: BM008366.D

(16) 4-Methylphenol

8.352min (-0.094) 1320.63ng/ul

response 14490008

Ion	Exp%	Act%
108.00	100	100
107.00	113.20	89.79#
0.00	0.00	0.00
0.00	0.00	0.00

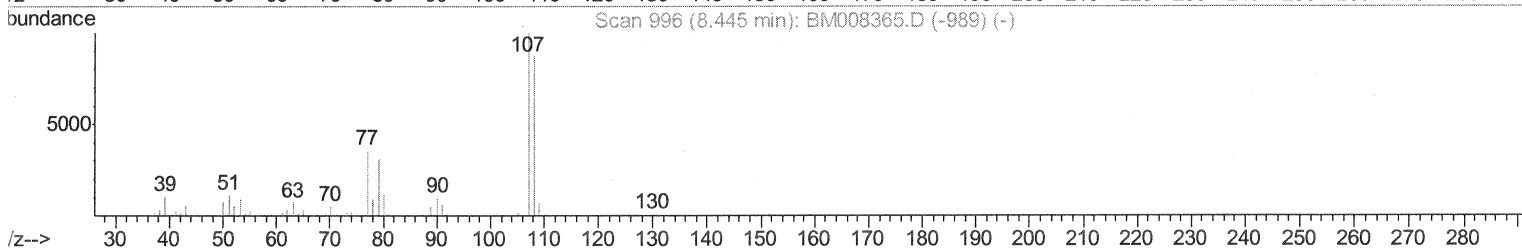
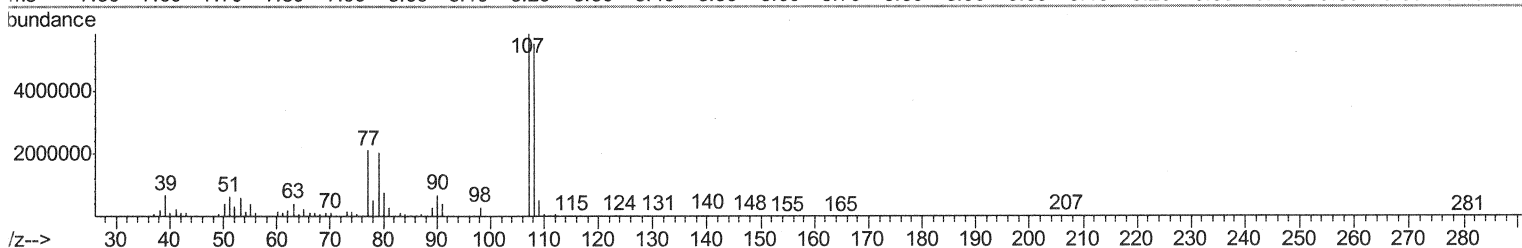
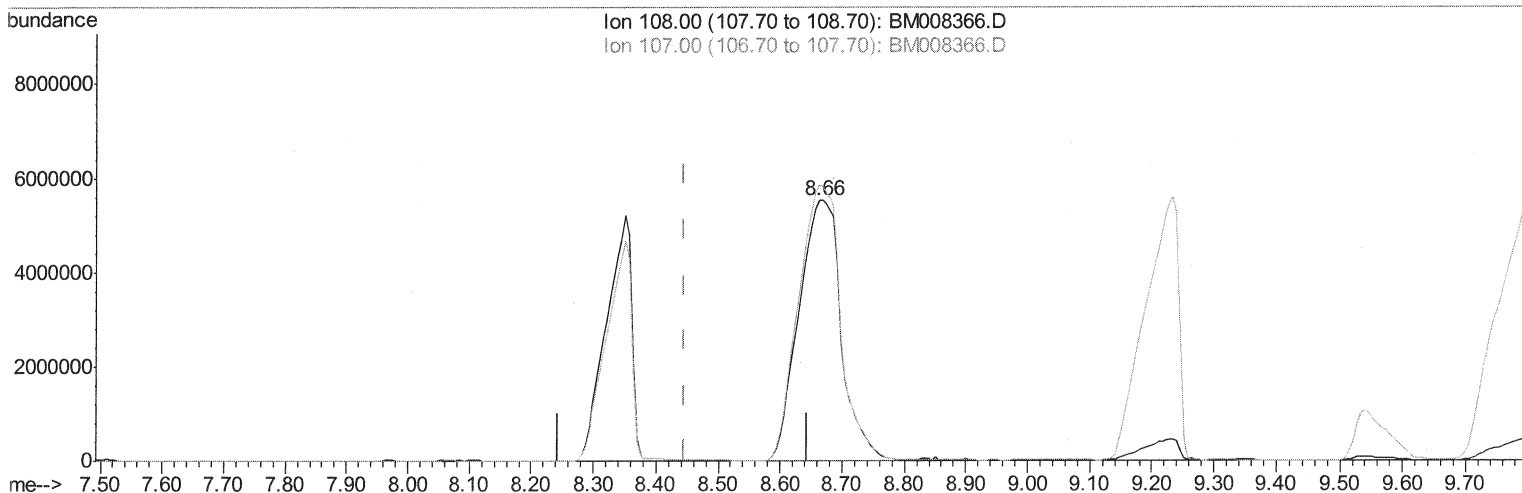
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Data File : BM008366.D
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Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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Quant Time: Dec 16 11:54:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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Response via : Initial Calibration



TIC: BM008366.D

(16) 4-Methylphenol

8.663min (+0.218) 2408.39ng/ul m SJ 12/20/16

response 26424974

Ion	Exp%	Act%
108.00	100	100
107.00	113.20	105.82
0.00	0.00	0.00
0.00	0.00	0.00

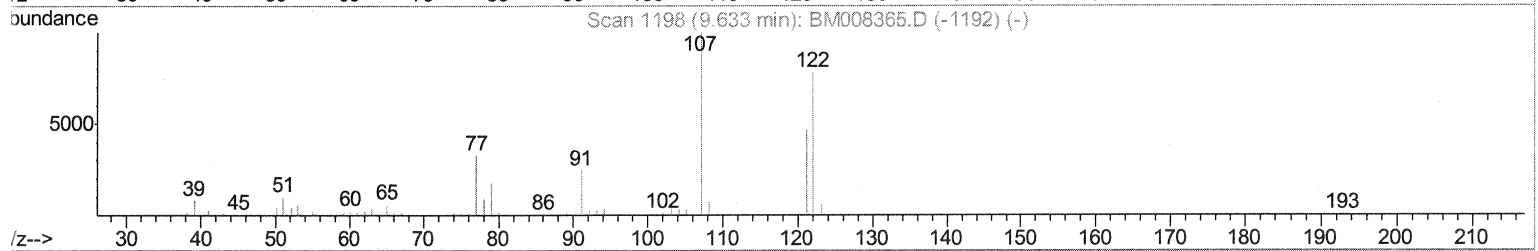
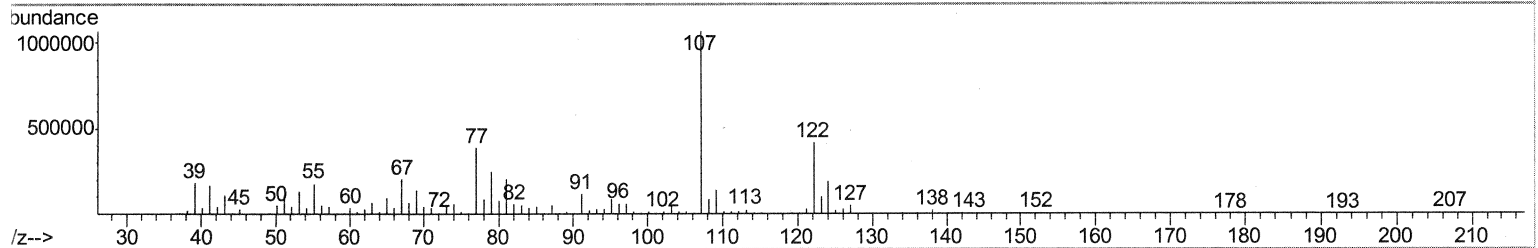
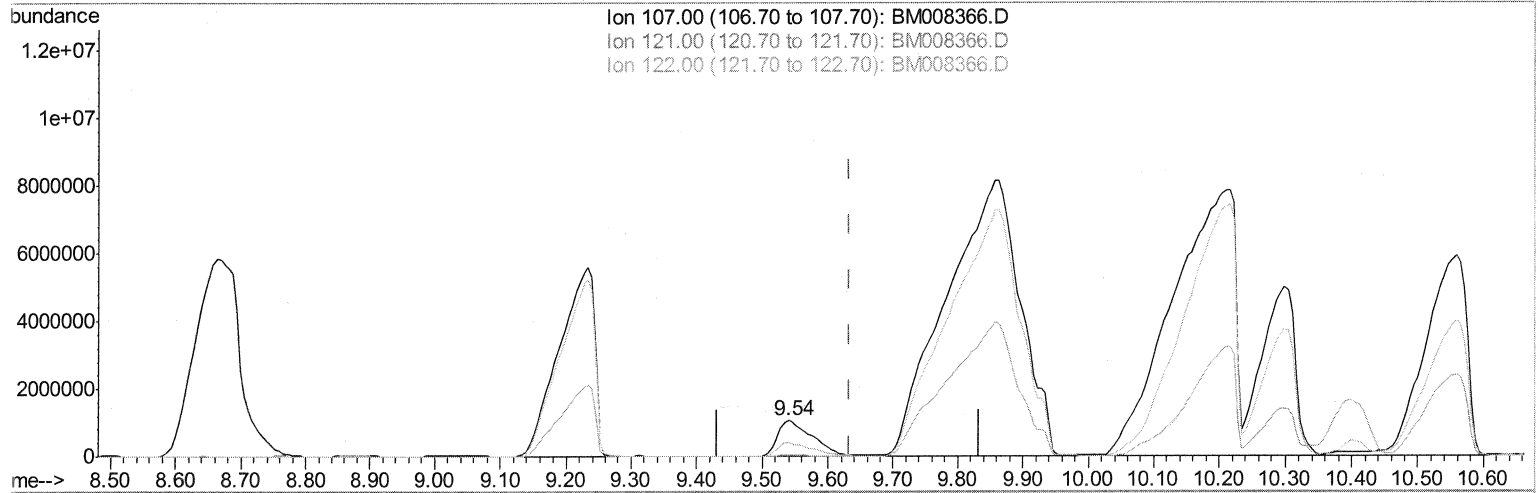
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Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
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12/16/2016 6:22:28 PM

Quant Time: Dec 16 11:54:41 2016
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TIC: BM008366.D

(24) 2,4-Dimethylphenol

9.540min (-0.094) 257.51ng/ui

response 3829294

Ion	Exp%	Act%
107.00	100	100
121.00	46.60	2.79#
122.00	72.80	38.85#
0.00	0.00	0.00

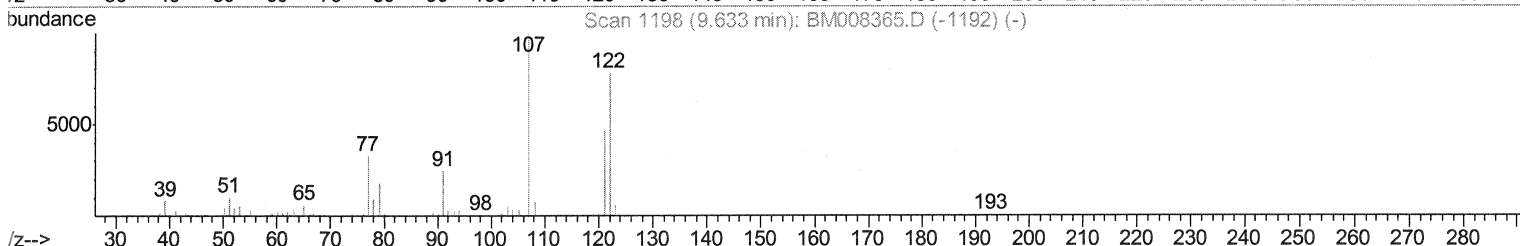
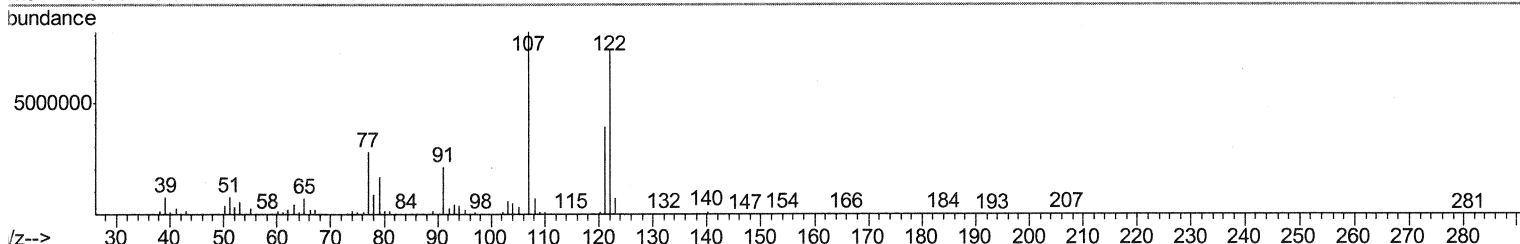
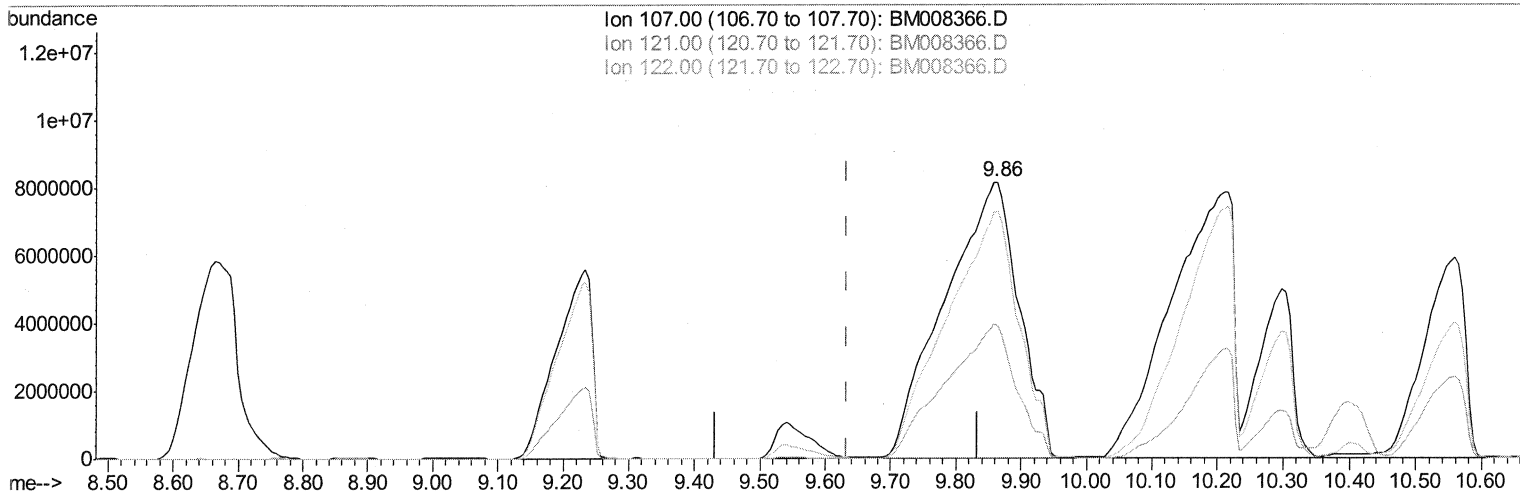
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 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
 APPROVED

sohil
 12/16/2016 6:22:28 PM

Quant Time: Dec 16 11:54:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration



TIC: BM008366.D

(24) 2,4-Dimethylphenol

9.863min (+0.230) 4347.60ng/ul m SJ 12/20/16

response 64650274

Ion	Exp%	Act%
107.00	100	100
121.00	46.60	48.21
122.00	72.80	89.41#
0.00	0.00	0.00

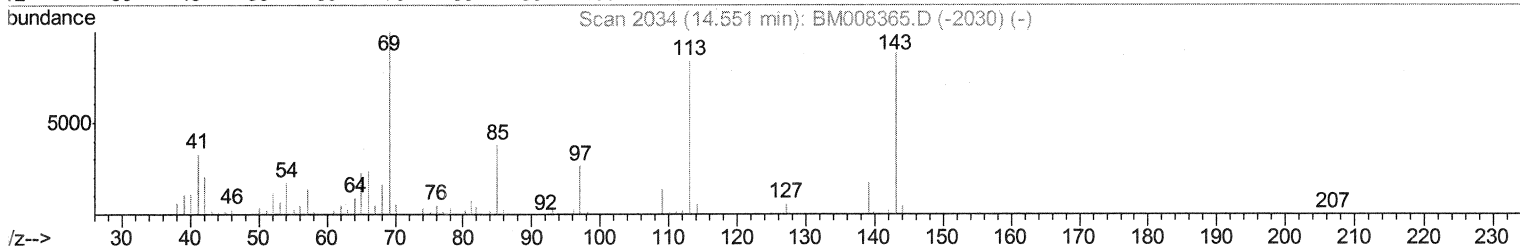
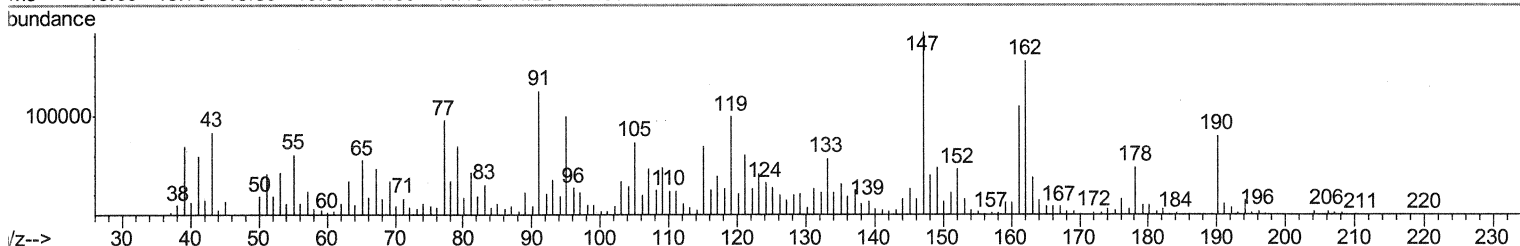
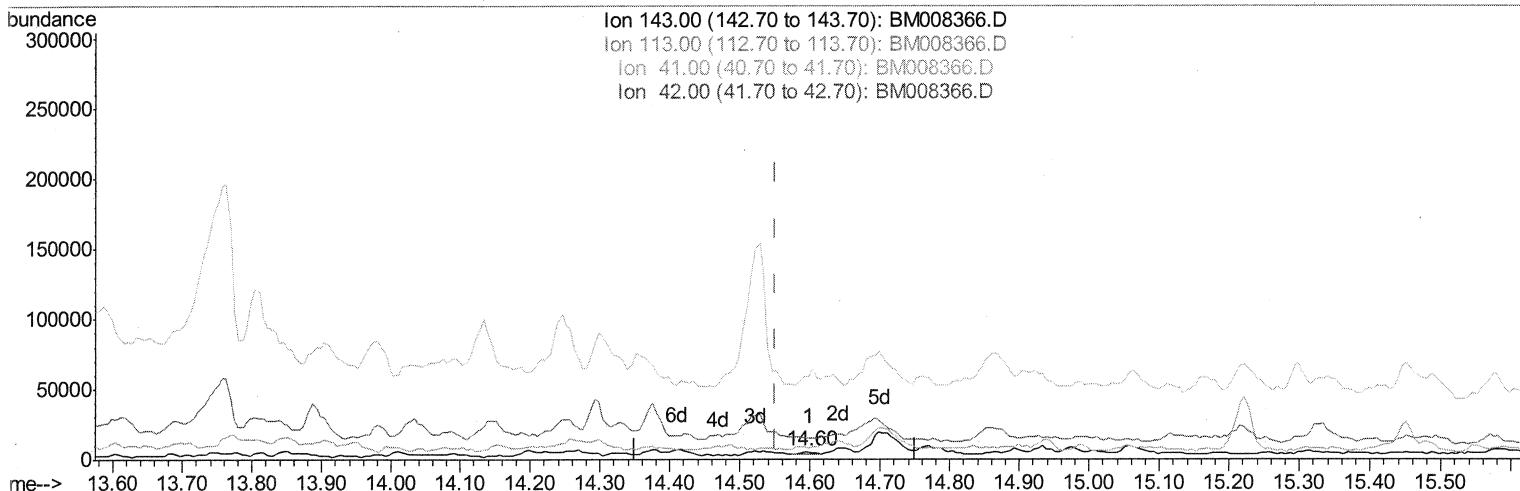
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA8T1

Manual Integrations
 APPROVED

sohil
 12/16/2016 6:22:28 PM

Quant Time: Dec 16 12:02:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration



TIC: BM008366.D

(51) 4-Nitrophenol-d4 (S)

14.598min (+0.048) 0.59ng/ul

response 2464

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	141.99#
41.00	39.40	1017.37#
42.00	27.40	265.32#

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
Data File : BM008366.D
Acq On : 16 Dec 2016 05:04
Operator : UM/SJ
Sample : H6039-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T1

Manual Integrations
APPROVED

sohil
12/16/2016 6:22:28 PM

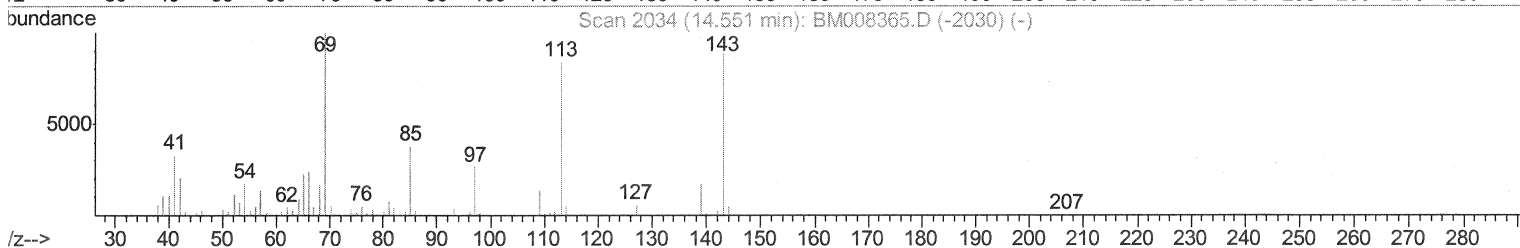
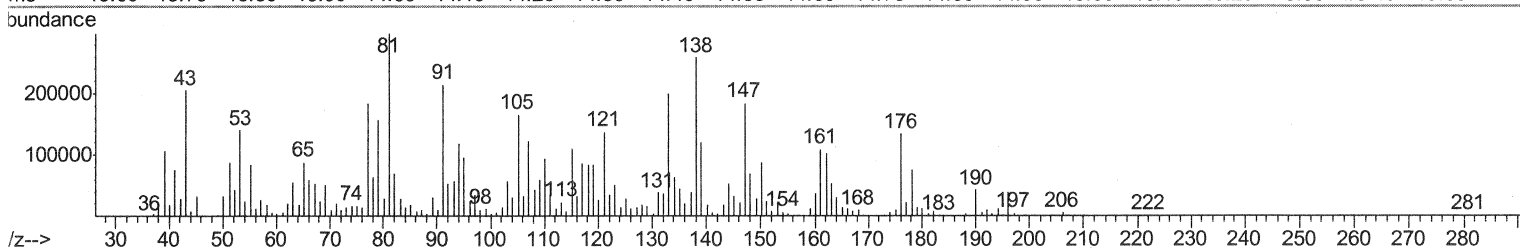
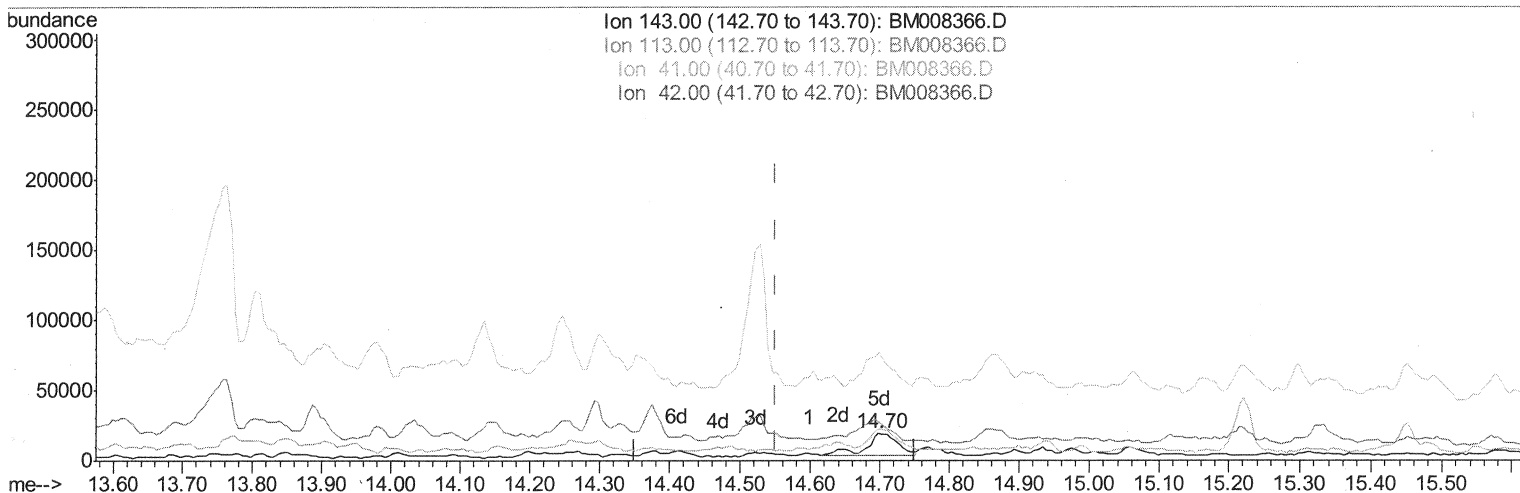
Quant Time: Dec 16 12:02:32 2016

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 16 05:34:14 2016

Response via : Initial Calibration



TIC: BM008366.D

(51) 4-Nitrophenol-d4 (S)

14.698min (+0.148) 12.54ng/ul m

SJ 12/20/16

response 52782

Ion	Exp%	Act%
143.00	100	100
113.00	101.20	117.96
41.00	39.40	395.45#
42.00	27.40	145.01#

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121616\
 Data File : BM008366.D
 Acq On : 16 Dec 2016 05:04
 Operator : UM/SJ
 Sample : H6039-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8T1

Manual Integrations
 APPROVED

sohil
 12/16/2016 6:22:28 PM

Quant Time: Dec 16 12:06:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 05:34:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	171600	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	812807	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.33	164	429941	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.07	188	760547	20.00	ng/ul	0.02
75) Chrysene-d12	21.26	240	832152	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	832912	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.03	99	333236m	25.03	ng/ul	0.18
7) Bis-(2-Chloroethyl)ether-d	7.03	67	261922	34.23	ng/ul	0.02
9) 2-Chlorophenol-d4	7.31	132	294245m	29.38	ng/ul	0.11
13) 4-Methylphenol-d8	8.56	113	255981m	24.83	ng/ul	0.18
19) Nitrobenzene-d5	8.88	128	164565	28.02	ng/ul	0.05
22) 2-Nitrophenol-d4	9.58	143	221314	34.00	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.24	165	335257	28.10	ng/ul	0.17
29) 4-Chloroaniline-d4	10.63	131	27621	2.02	ng/ul	0.04
43) Dimethylphthalate-d6	13.80	166	1098309	38.43	ng/ul	0.08
46) Acenaphthylene-d8	14.03	160	1362254	40.33	ng/ul	0.04
51) 4-Nitrophenol-d4	14.70	143	52782m	12.54	ng/ul	0.15
57) Fluorene-d10	15.33	176	969047	39.01	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.49	200	129596	28.63	ng/ul	0.03
70) Anthracene-d10	17.17	188	1343453	40.55	ng/ul	0.01
76) Pyrene-d10	19.47	212	1452895	45.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1384961	39.60	ng/ul	0.00

SJ 12/20/16

SJ 12/20/16

SJ 12/20/16

Target Compounds

						Qvalue
6) Phenol	7.10	94	11991611m	867.57	ng/ul	
11) 2-Methylphenol	8.35	108	14556268m	1438.77	ng/ul	
14) Acetophenone	8.54	105	1385721	82.20	ng/ul	97
16) 4-Methylphenol	8.66	108	26424974m	2408.39	ng/ul	
24) 2,4-Dimethylphenol	9.86	107	64650274m	4347.60	ng/ul	
28) Naphthalene	10.53	128	375549	9.76	ng/ul#	75
34) 2-Methylnaphthalene	12.14	142	134247	4.83	ng/ul	88

SJ 12/20/16

SJ 12/20/16

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