

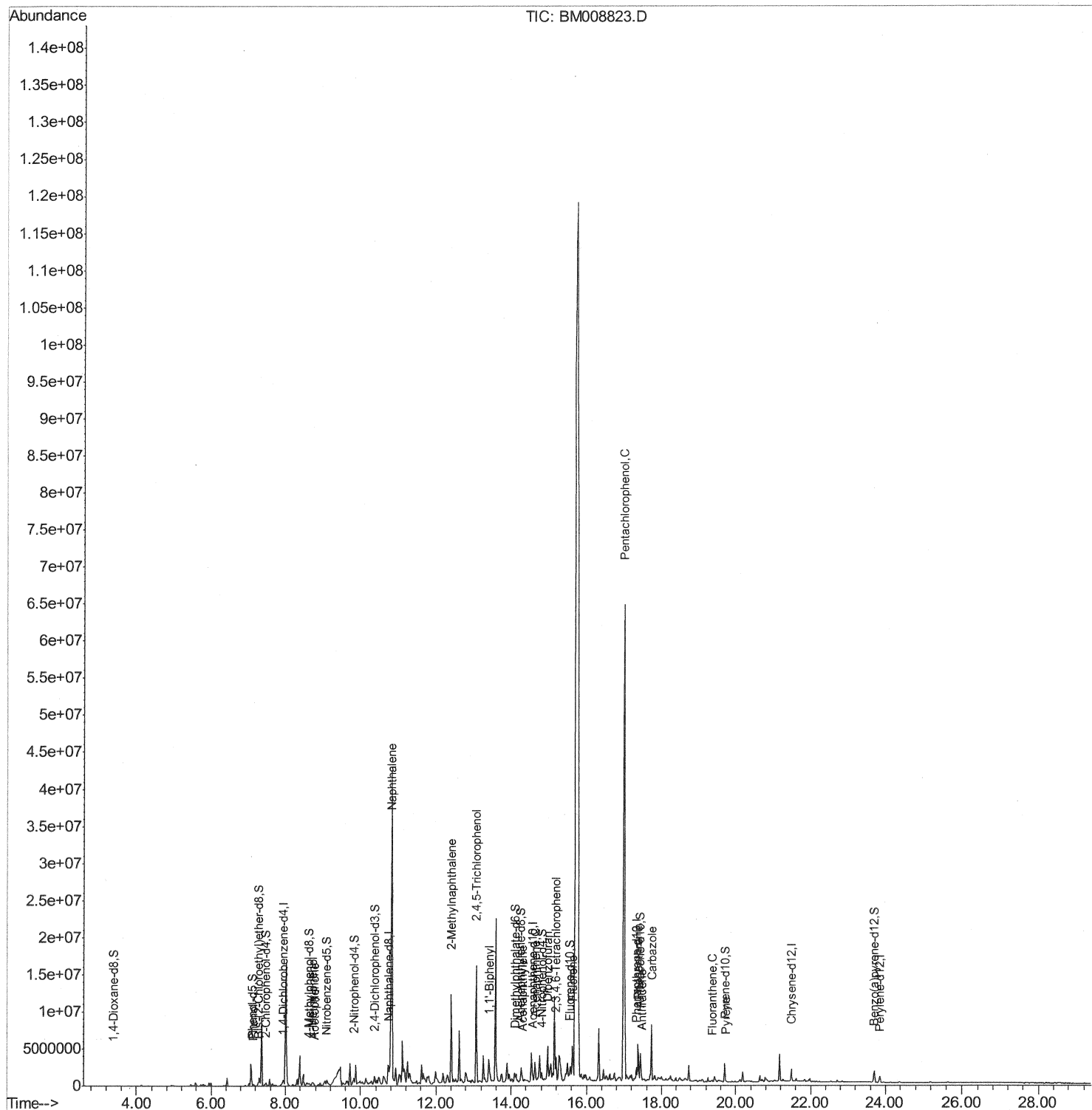
Data Path : Z:\HPCHEM1\BNA_M\Data\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:47 PM

Quant Time: Jan 24 10:34:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



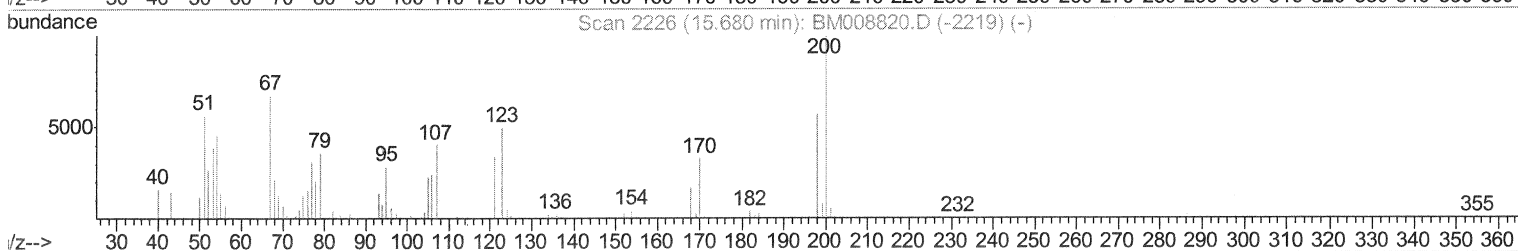
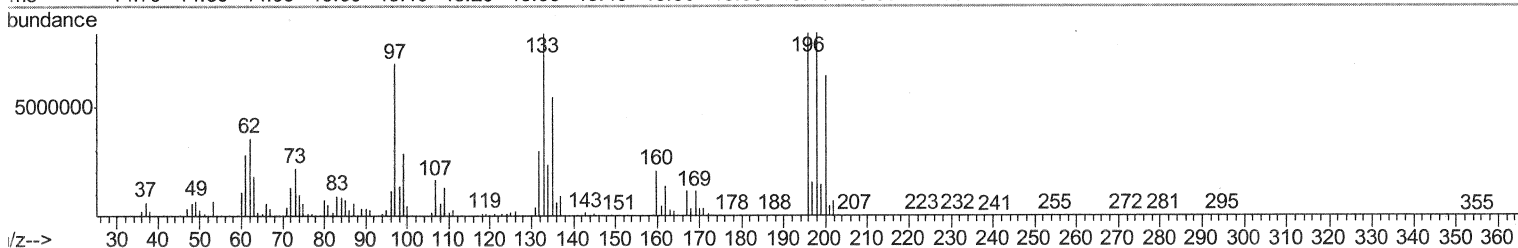
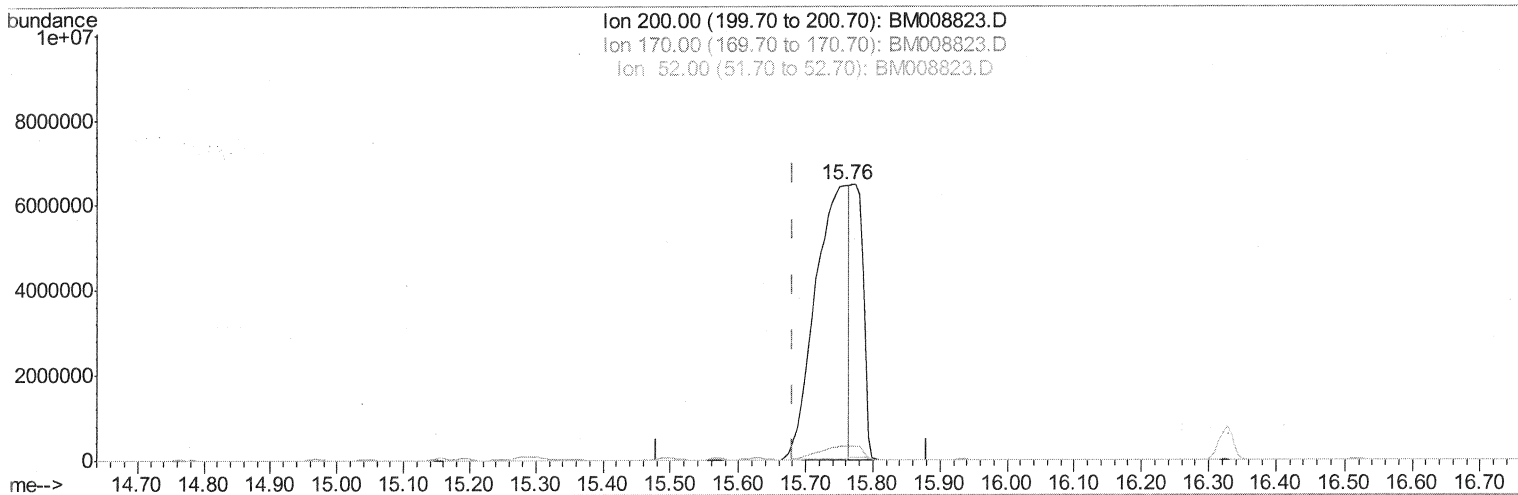
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Manual Integrations
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Quant Time: Jan 24 06:03:37 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
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TIC: BM008823.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.757min (+0.077) 5890.72ng/ul

response 21929133

Ion	Exp%	Act%
200.00	100	100
170.00	21.80	4.93#
52.00	36.60	0.68#
0.00	0.00	0.00

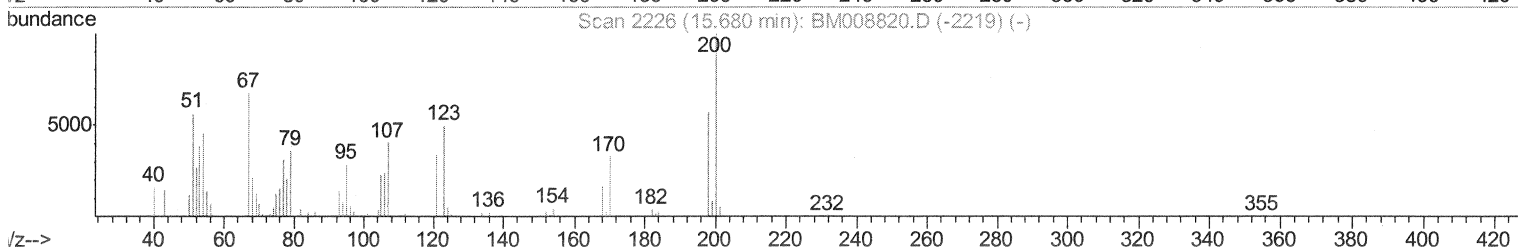
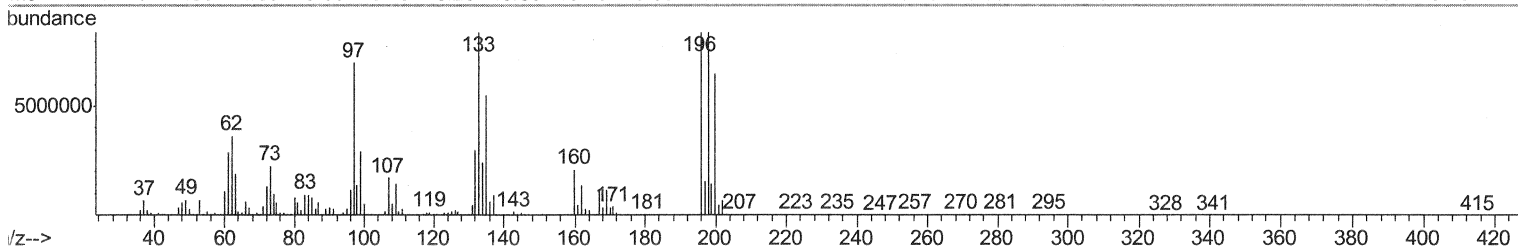
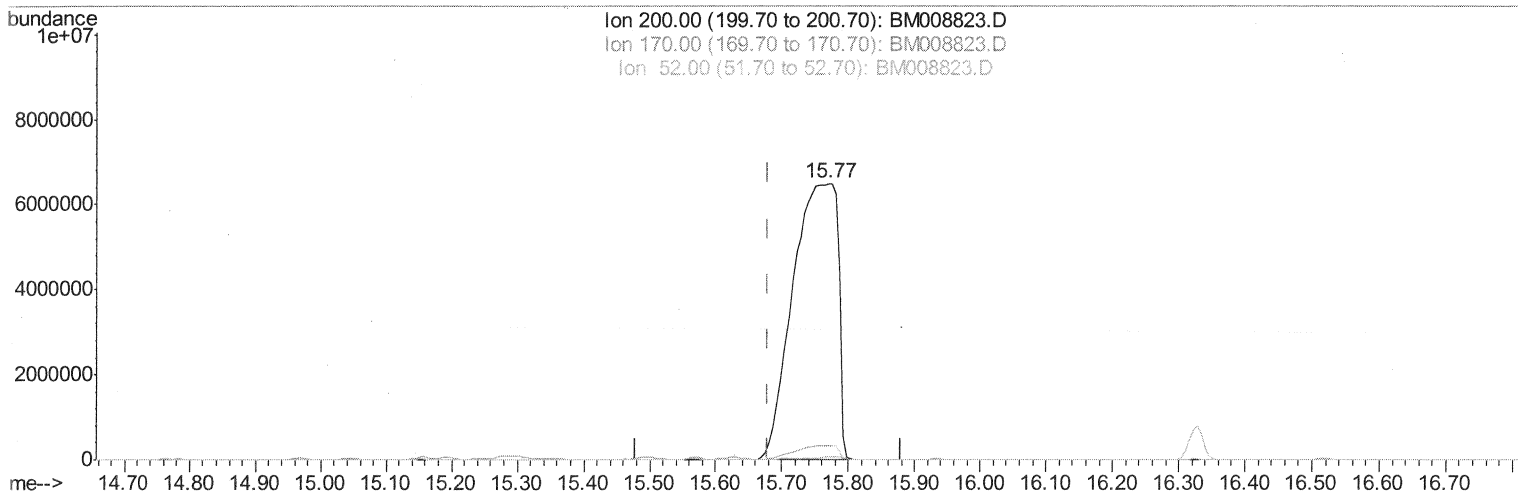
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Sample : I1323-12
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Instrument :
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Manual Integrations
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TIC: BM008823.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.768min (+0.088) 8189.79ng/ul m SJ 1/24/17

response 30487798

Ion	Exp%	Act%
200.00	100	100
170.00	21.80	5.05#
52.00	36.60	0.71#
0.00	0.00	0.00

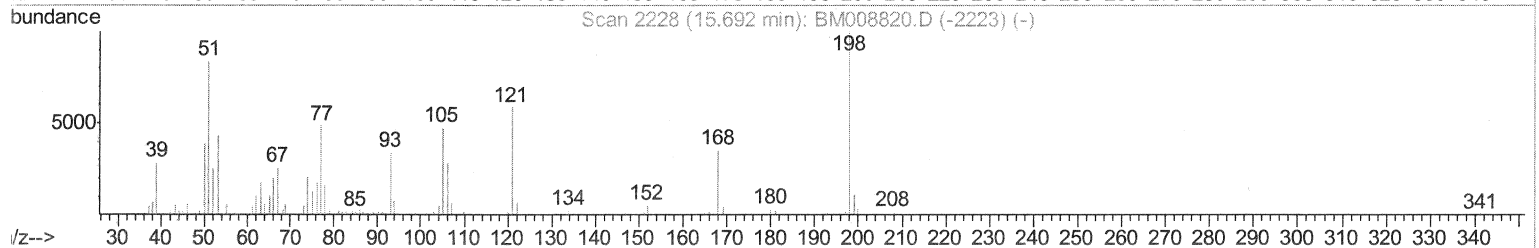
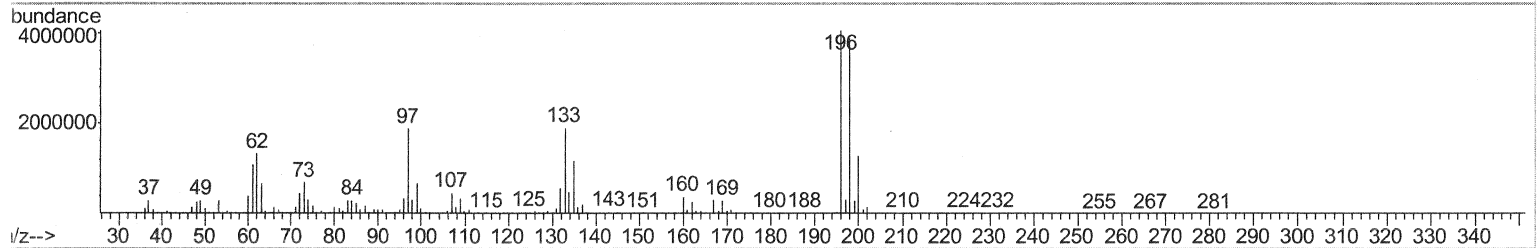
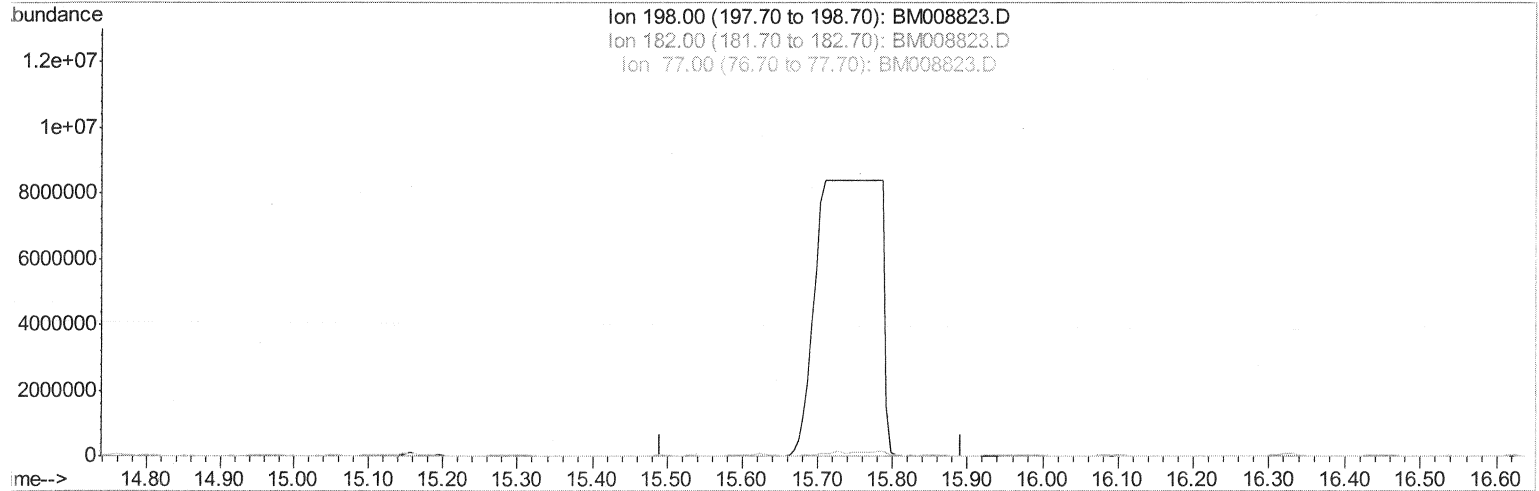
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Manual Integrations
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TIC: BM008823.D

(63) 4,6-Dinitro-2-methylphenol

15.692min (-15.692) 0.00ng/ul

response 0

Ion	Exp%	Act%
198.00	100	0.00
182.00	5.50	0.00#
77.00	25.60	0.00#
0.00	0.00	0.00

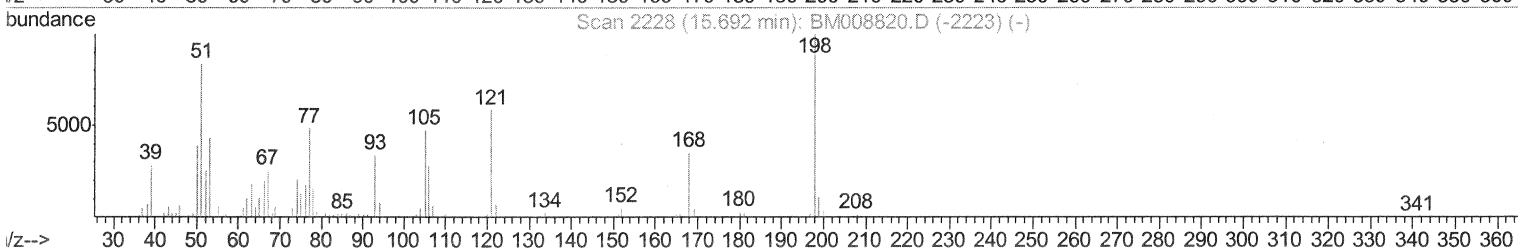
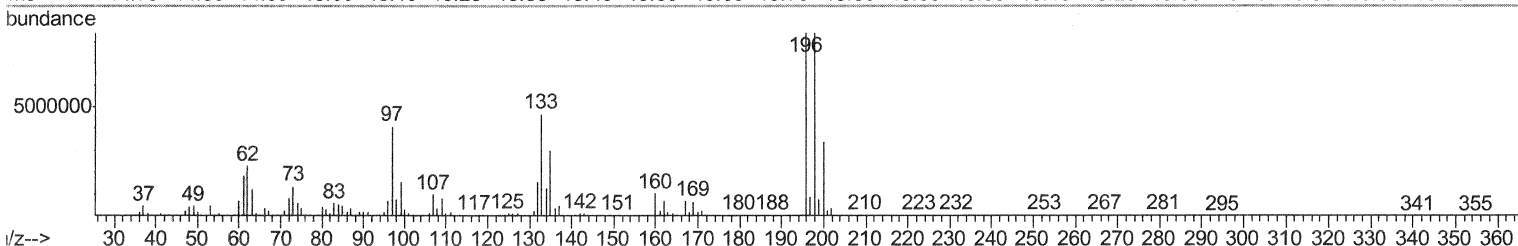
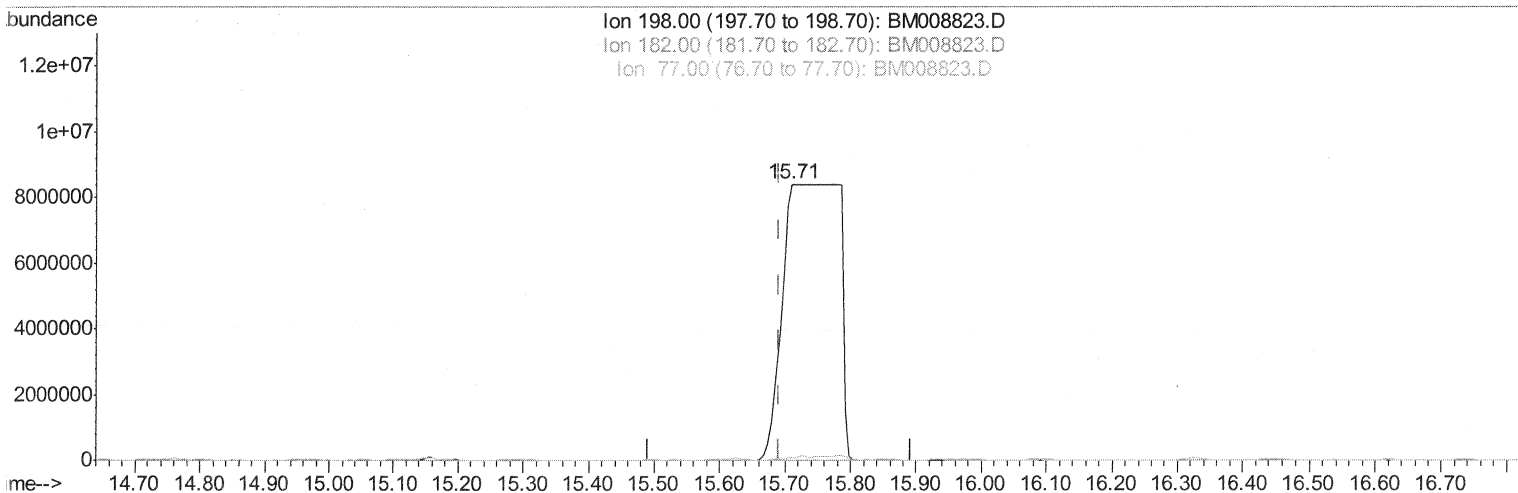
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Manual Integrations
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TIC: BM008823.D

(63) 4,6-Dinitro-2-methylphenol

15.710min (+0.018) 12880.33ng/ul m

52 1/27/17

response 49604637

Ion	Exp%	Act%
198.00	100	100
182.00	5.50	0.09#
77.00	25.60	0.94#
0.00	0.00	0.00

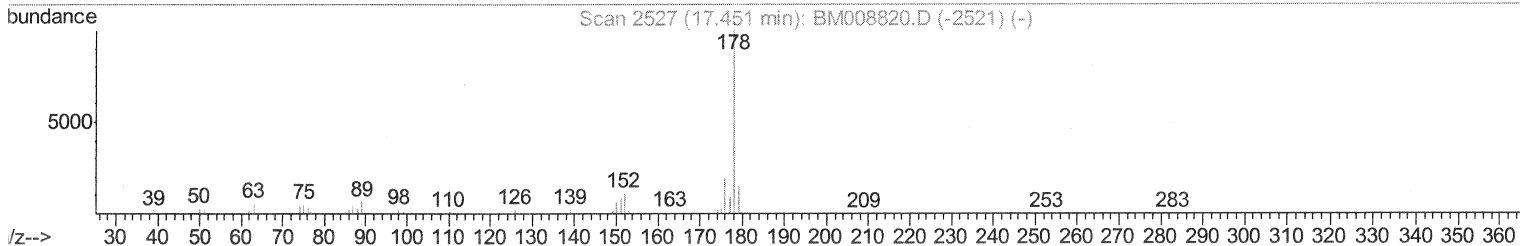
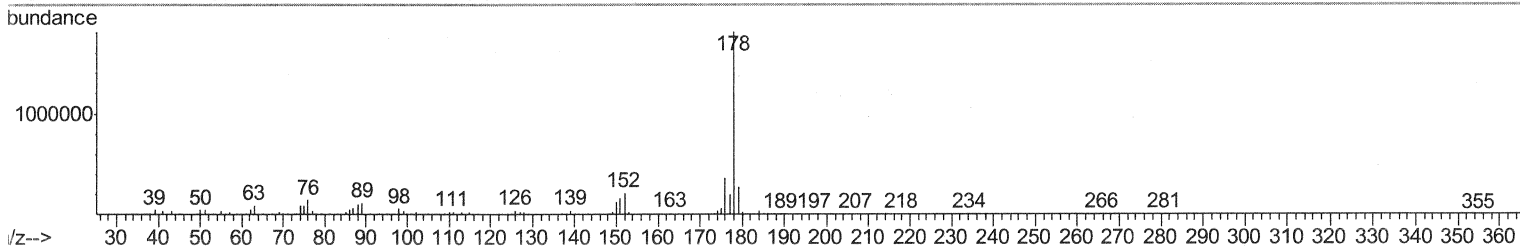
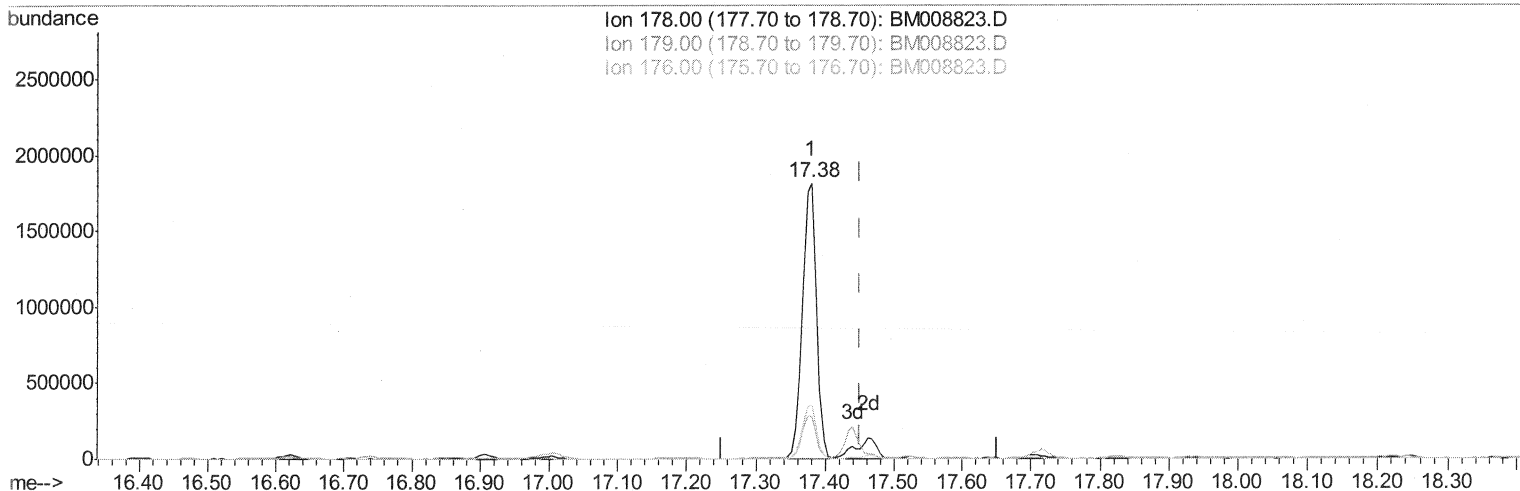
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
 Data File : BM008823.D
 Acq On : 24 Jan 2017 04:07
 Operator : UM/SJ
 Sample : I1323-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9Q5

Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:17:47 PM

Quant Time: Jan 24 06:10:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 04:28:48 2017
 Response via : Initial Calibration



TIC: BM008823.D

(71) Anthracene

17.380min (-0.070) 80.73ng/ul

response 2542959

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	15.28
176.00	18.20	19.75
0.00	0.00	0.00

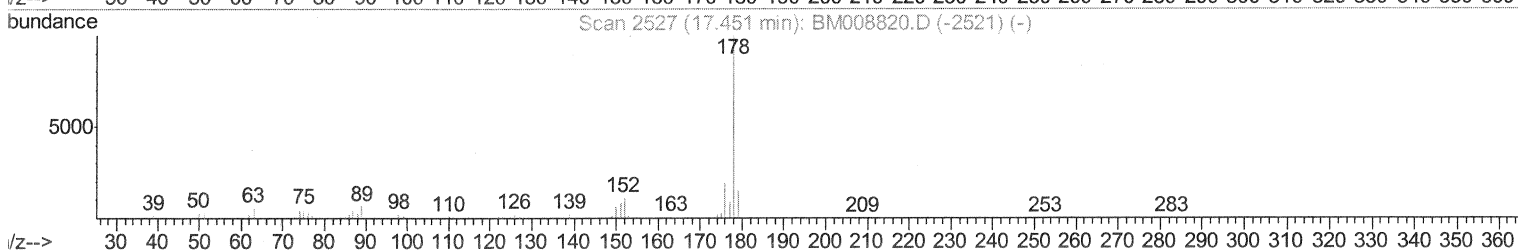
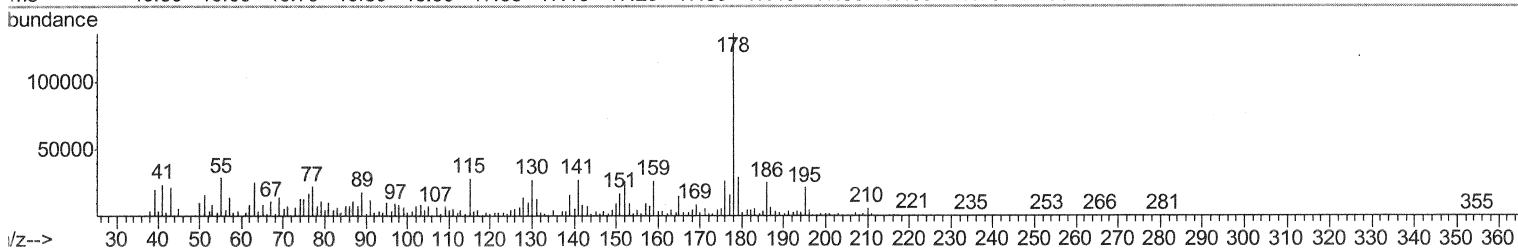
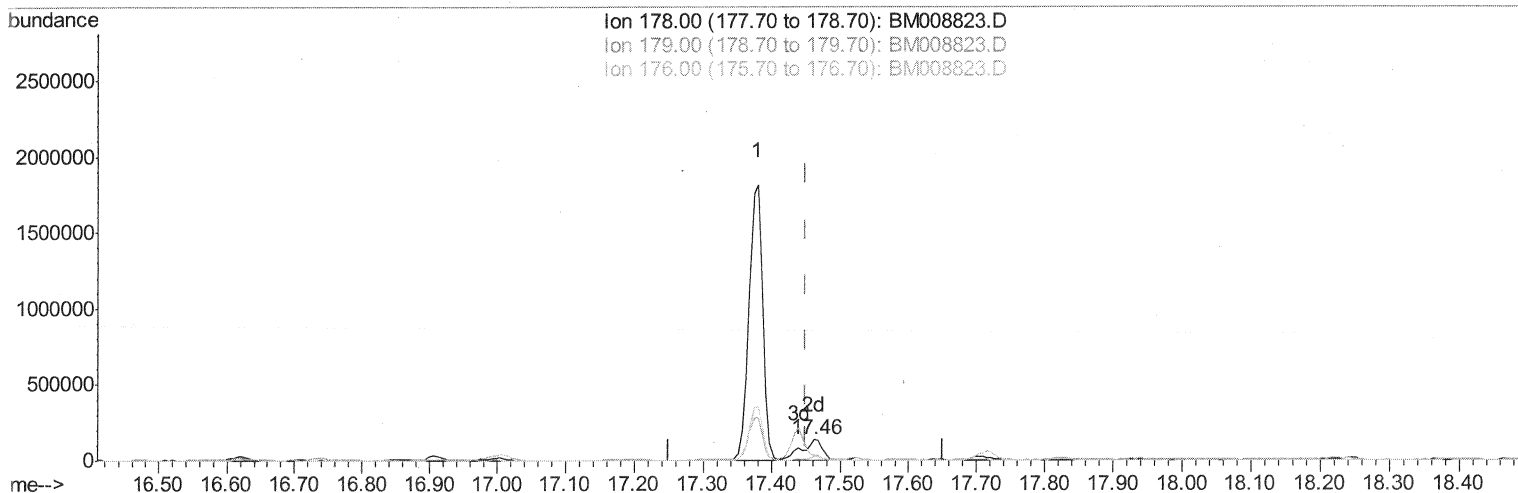
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Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Manual Integrations
APPROVED

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1/24/2017 5:17:47 PM

Quant Time: Jan 24 06:10:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 04:28:48 2017
Response via : Initial Calibration



TIC: BM008823.D

(71) Anthracene

17.462min (+0.012) 9.46ng/ul m

SJ 1/27/17

response 298053

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	21.60#
176.00	18.20	19.30
0.00	0.00	0.00

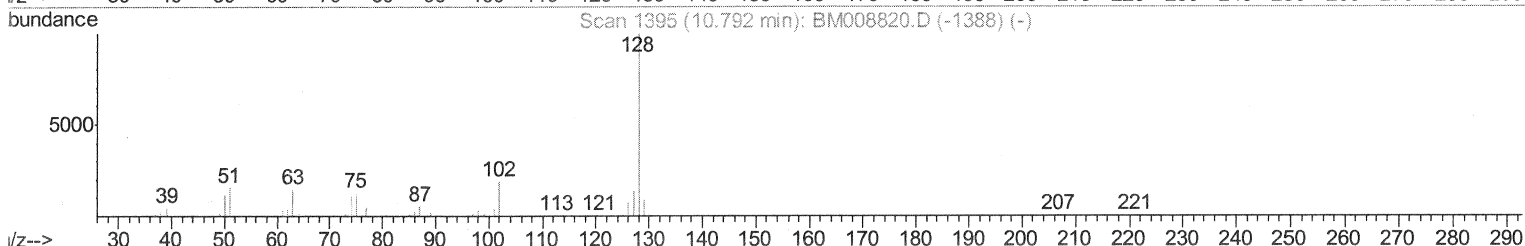
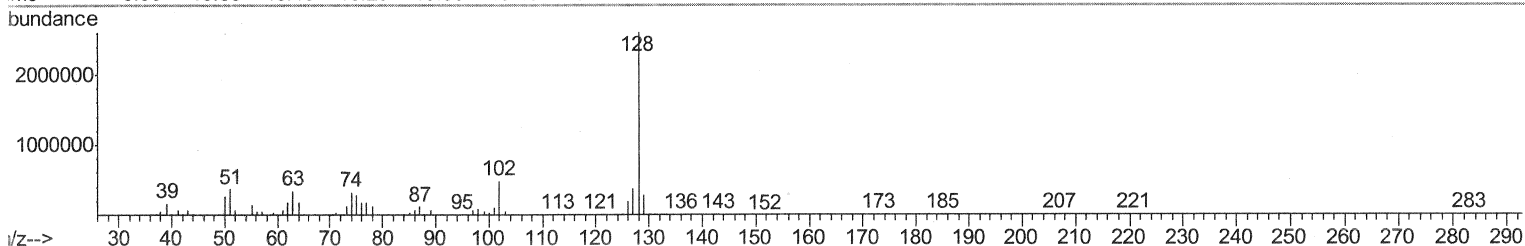
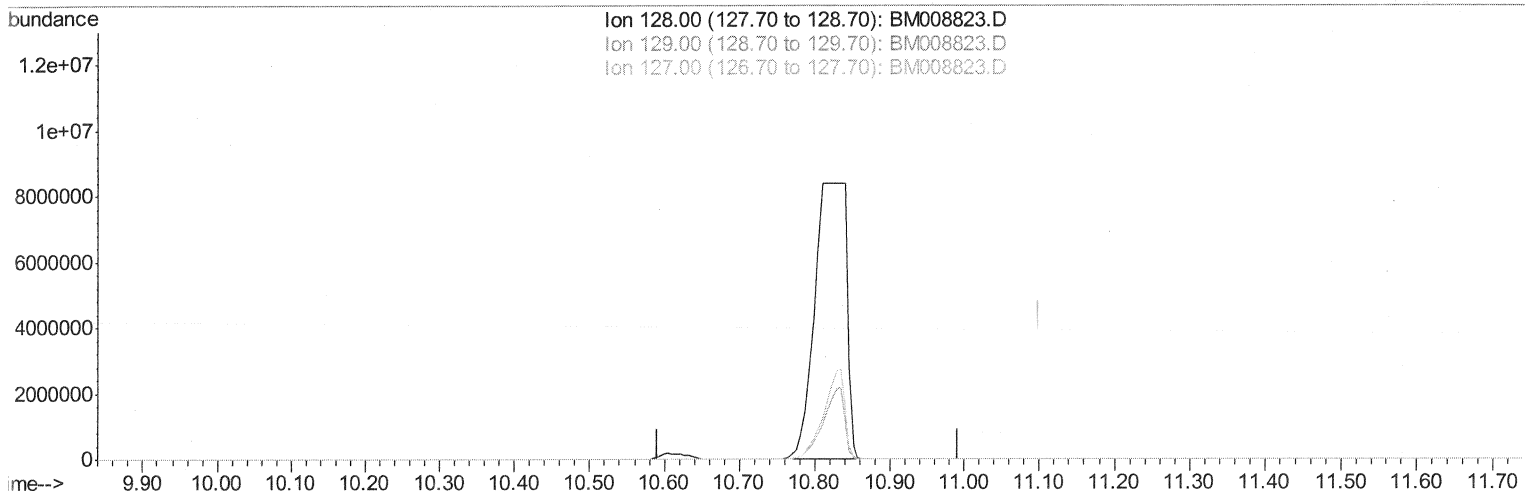
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Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Manual Integrations
APPROVED

mohammad
1/24/2017 5:17:47 PM

Quant Time: Jan 24 06:12:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
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Response via : Initial Calibration



TIC: BM008823.D

(28) Naphthalene

10.792min (-10.792) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.40	0.00#
127.00	13.30	0.00#
0.00	0.00	0.00

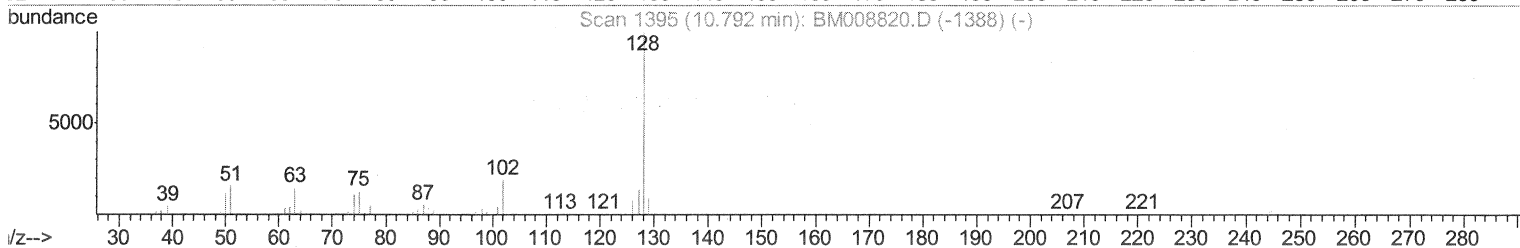
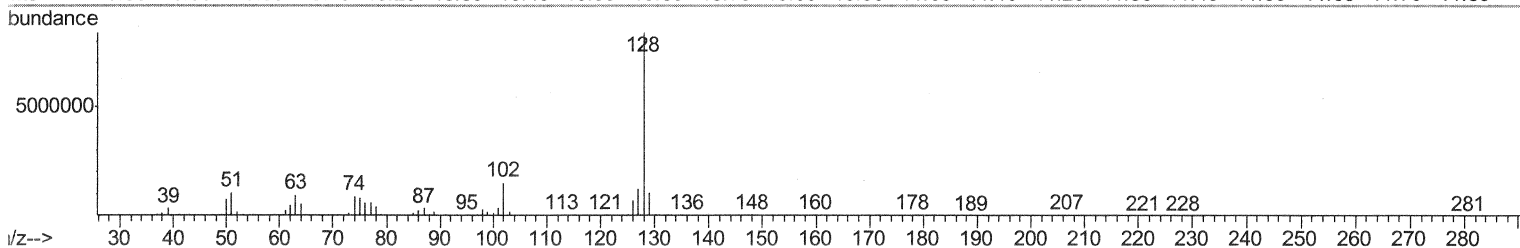
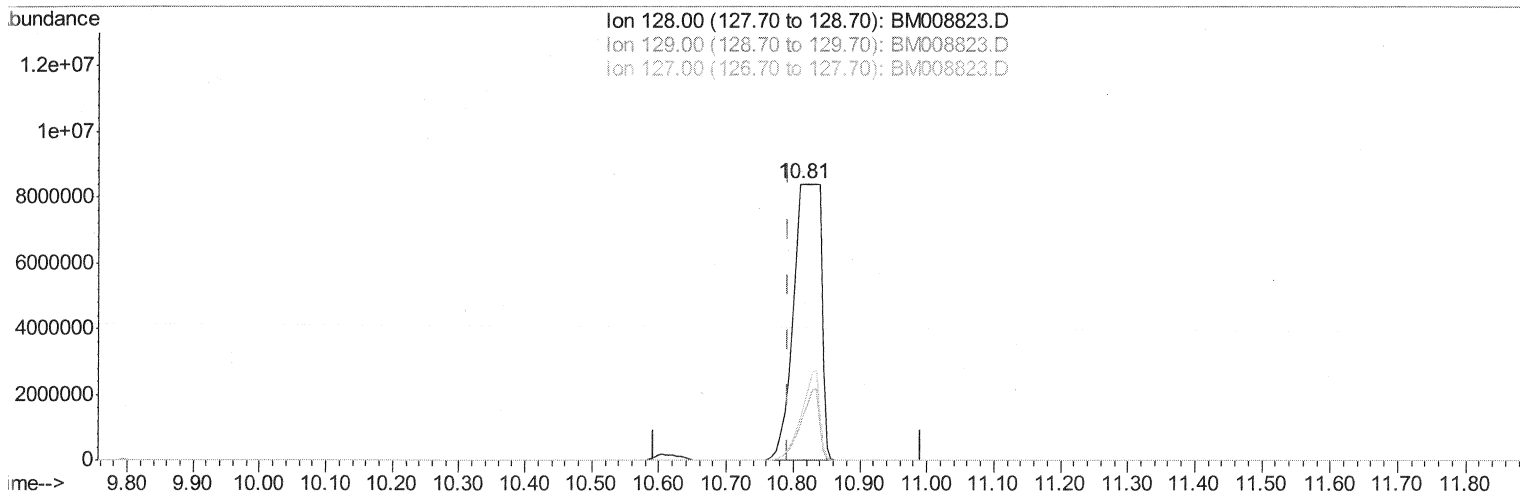
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008823.D
Acq On : 24 Jan 2017 04:07
Operator : UM/SJ
Sample : I1323-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA9Q5

Manual Integrations
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1/24/2017 5:17:47 PM

Quant Time: Jan 24 06:12:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
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TIC: BM008823.D

(28) Naphthalene

10.810min (+0.018) 1474.39ng/ul m

SJ 1/27/17

response 24447714

Ion	Exp%	Act%
128.00	100	100
129.00	10.40	12.33
127.00	13.30	14.44
0.00	0.00	0.00

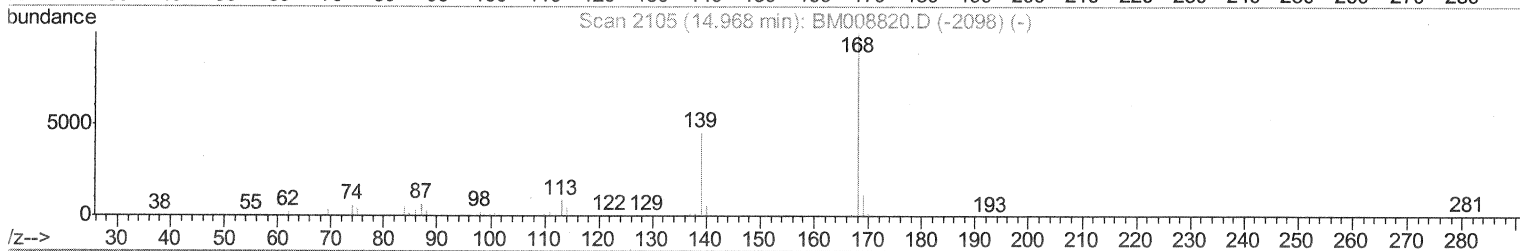
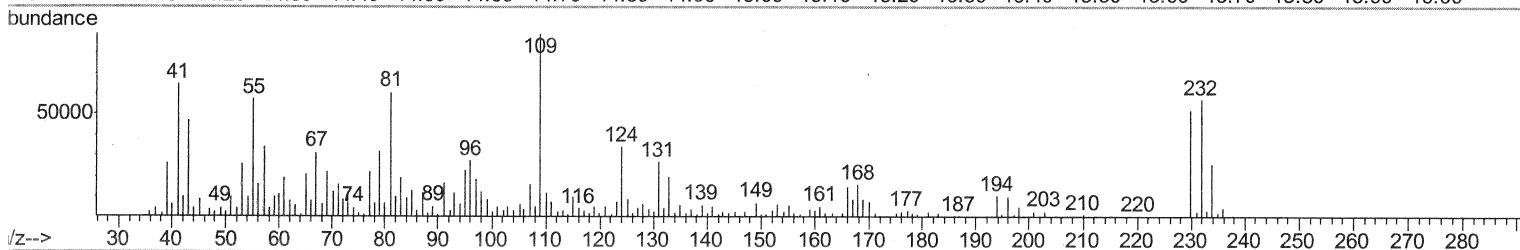
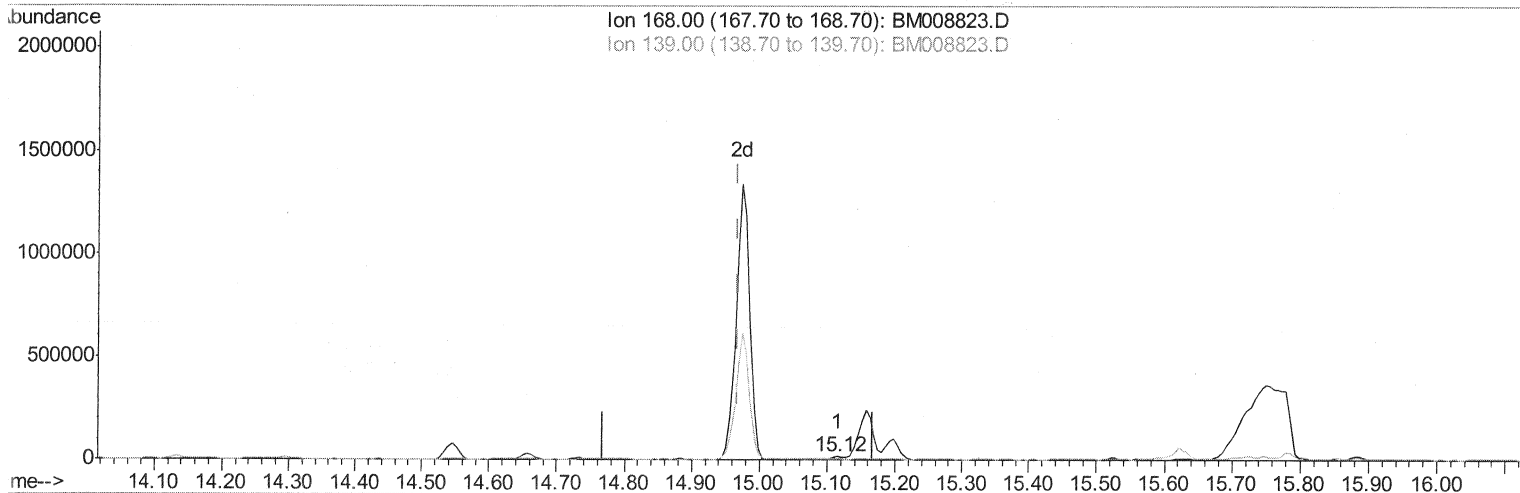
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008823.D

(53) Dibenzofuran

15.116min (+0.147) 0.89ng/ul

response 20807

Ion	Exp%	Act%
168.00	100	100
139.00	37.90	37.52
0.00	0.00	0.00
0.00	0.00	0.00

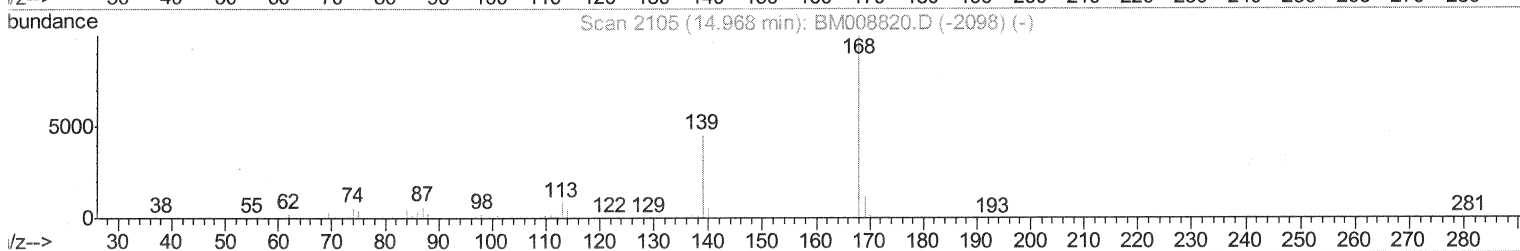
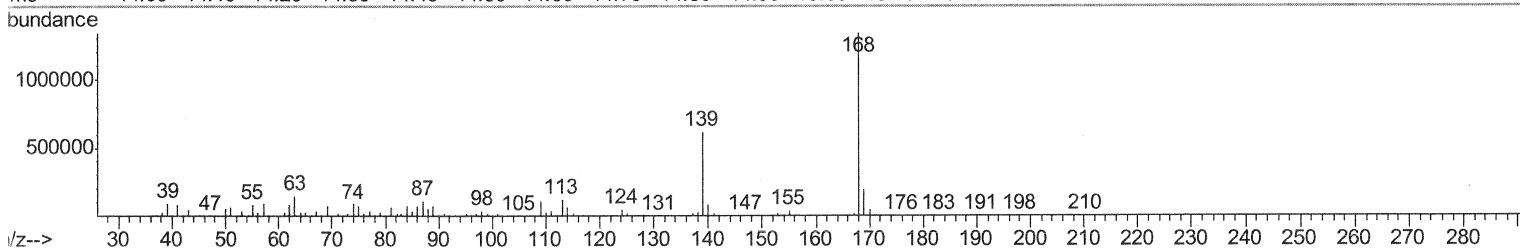
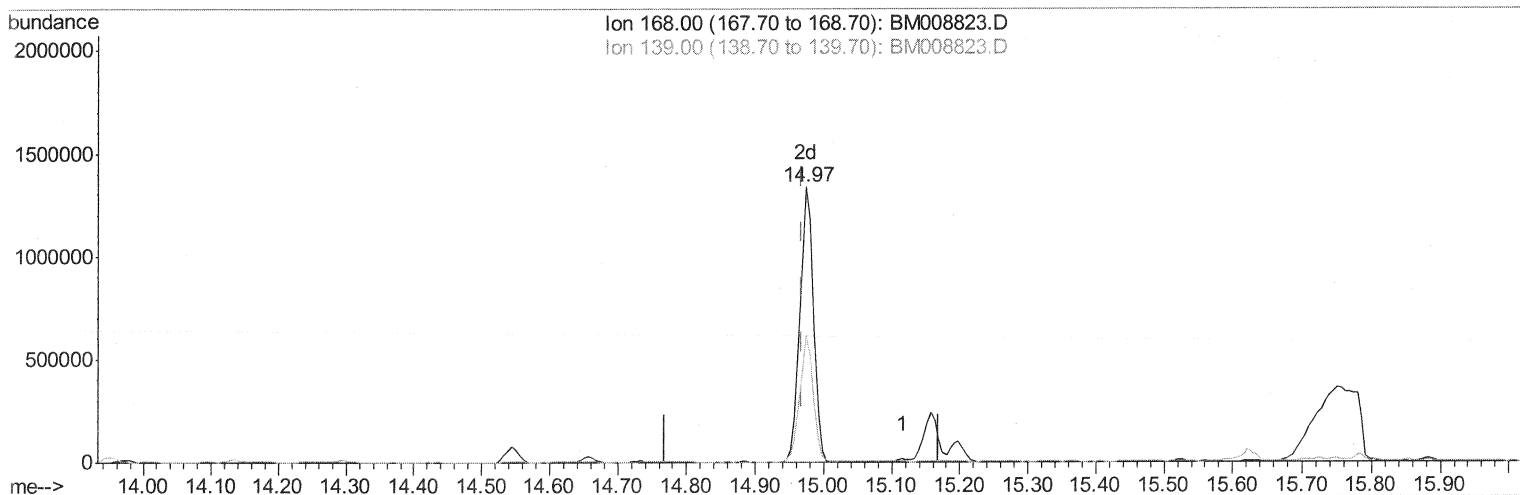
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Instrument :
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Manual Integrations
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TIC: BM008823.D

(53) Dibenzofuran

14.974min (+0.006) 79.81ng/ul m

52 1/27/17

response 1867872

Ion	Exp%	Act%
168.00	100	100
139.00	37.90	45.98#
0.00	0.00	0.00
0.00	0.00	0.00

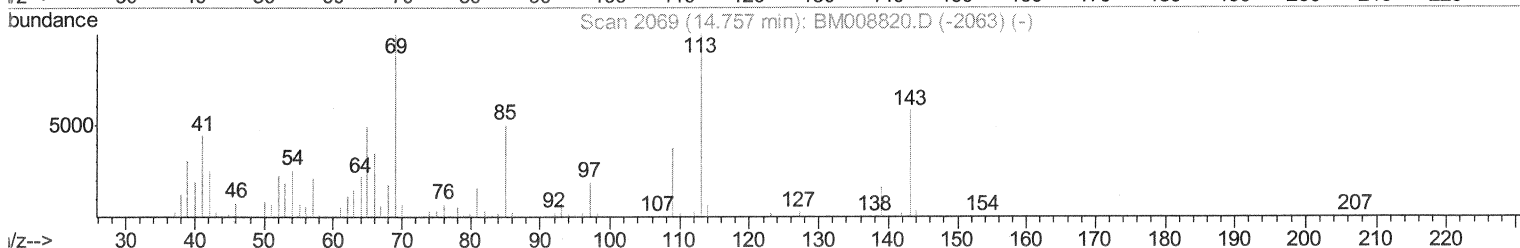
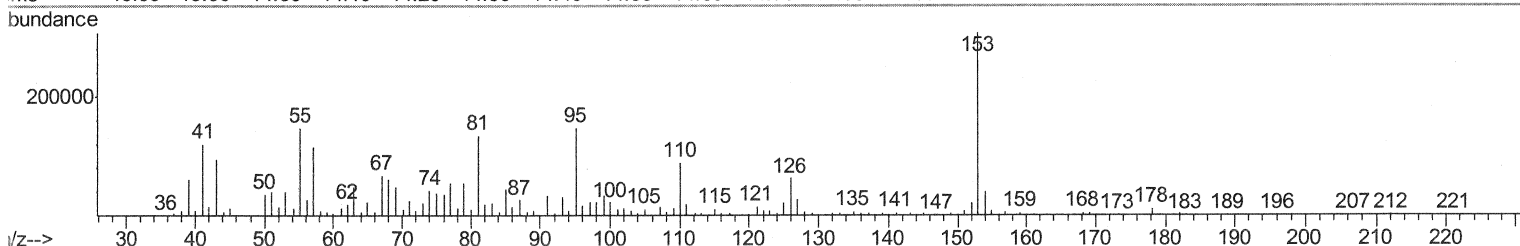
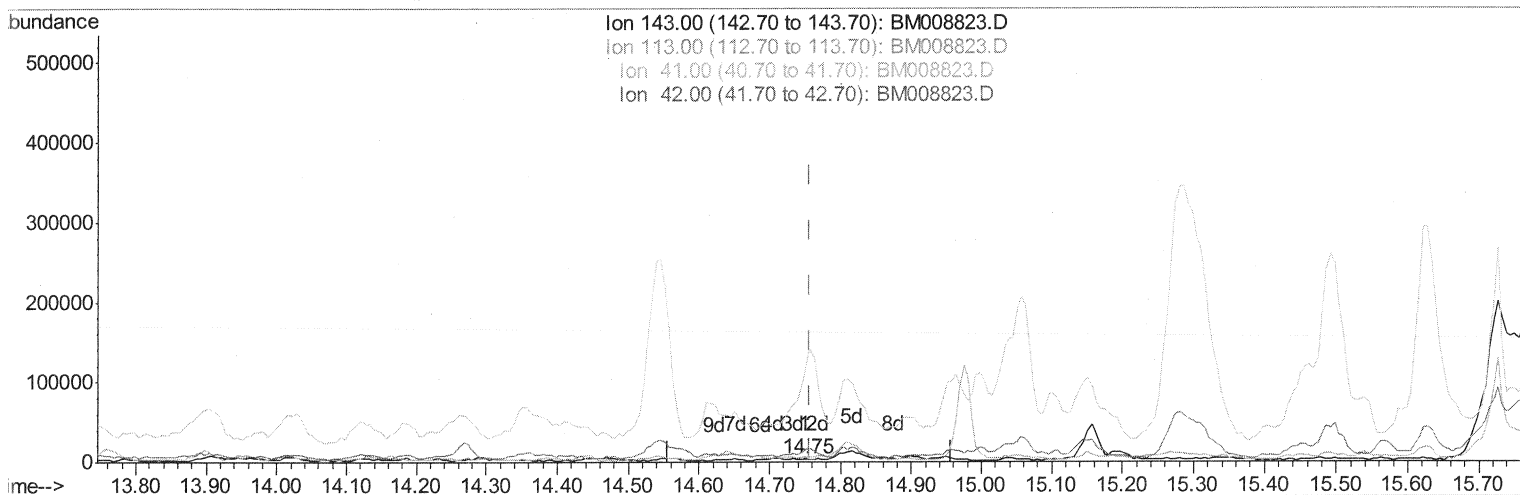
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Manual Integrations
 APPROVED

mohammad
 1/24/2017 5:17:47 PM

Quant Time: Jan 24 06:16:18 2017
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TIC: BM008823.D

(51) 4-Nitrophenol-d4 (S)

14.751min (-0.006) 0.33ng/ul

response 1033

Ion	Exp%	Act%
143.00	100	100
113.00	85.80	138.20#
41.00	36.80	2986.55#
42.00	26.40	388.70#

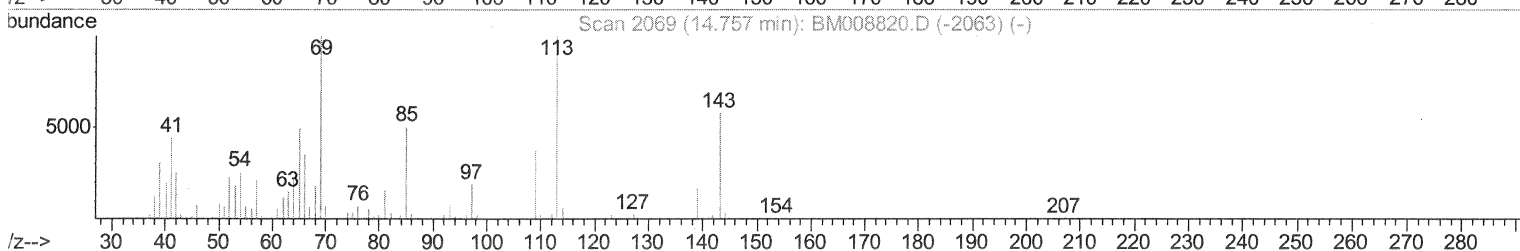
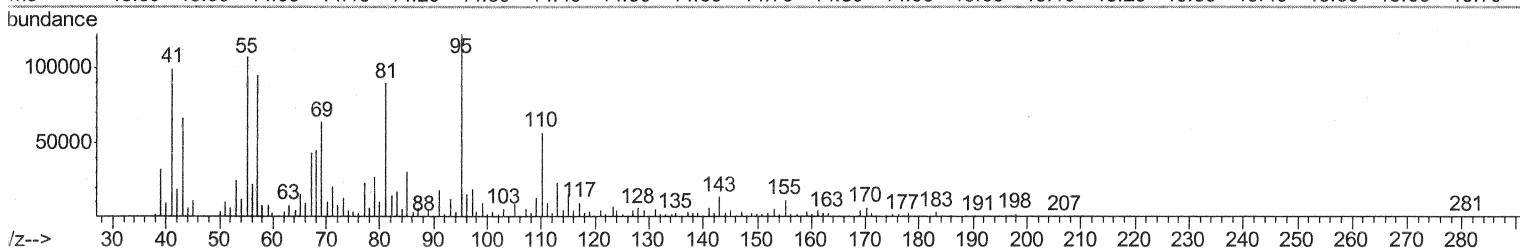
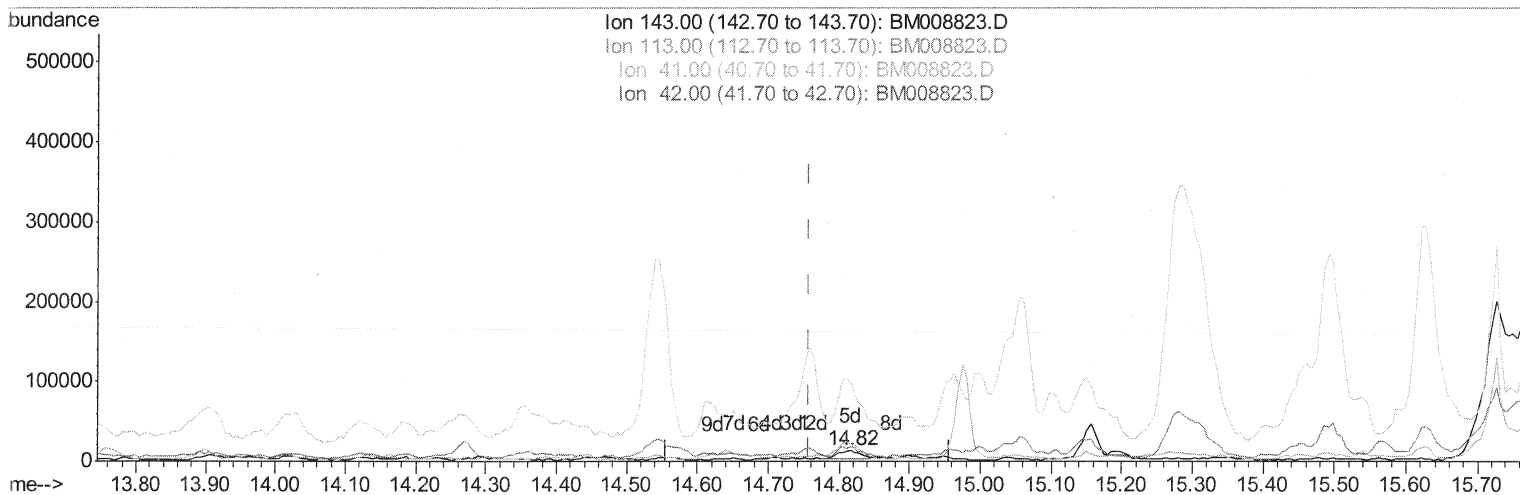
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TIC: BM008823.D

(51) 4-Nitrophenol-d4 (S)

14.816min (+0.059) 7.19ng/ul m

52 1/27/17

response 22815

Ion	Exp%	Act%
143.00	100	100
113.00	85.80	167.04#
41.00	36.80	733.48#
42.00	26.40	138.70#

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Manual Integrations
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Quant Time: Jan 24 10:34:23 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	70525	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	359159	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.57	164	289649	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	625180	20.00	ng/ul	0.01
75) Chrysene-d12	21.49	240	678919	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	593514	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	2727	1.91	ng/uL	0.00
5) Phenol-d5	7.10	99	42811	7.17	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.27	67	182866	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	110445	28.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.64	113	81668	17.46	ng/ul	0.01
19) Nitrobenzene-d5	9.10	128	83378	36.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	98542	35.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	183602	31.56	ng/ul	0.02
29) 4-Chloroaniline-d4	10.89	131	3204	0.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	729125	38.42	ng/ul	0.11
46) Acenaphthylene-d8	14.27	160	898818	40.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.82	143	22815m>	7.19	ng/ul	0.06
57) Fluorene-d10	15.57	176	646524	35.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.43	188	1097101	40.13	ng/ul	0.02
76) Pyrene-d10	19.71	212	1205997	40.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1017633	40.49	ng/ul	0.00

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.13	94	26086	4.01	ng/ul#	39
14) Acetophenone	8.77	105	41777	4.87	ng/ul#	51
16) 4-Methylphenol	8.71	108	27518	5.47	ng/ul#	74
28) Naphthalene	10.81	128	24447714m>	1474.39	ng/ul	
34) 2-Methylnaphthalene	12.41	142	4146343	307.99	ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	3176735	550.74	ng/ul	99
40) 1,1'-Biphenyl	13.41	154	663229	37.05	ng/ul#	97
47) Acenaphthylene	14.30	152	98389	4.55	ng/ul#	83
49) Acenaphthene	14.64	153	809452	53.19	ng/ul	97
53) Dibenzofuran	14.97	168	1867872m>	79.81	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	15.20	232	452591	78.13	ng/ul#	92
58) Fluorene	15.62	166	592841	30.32	ng/ul	96
68) Pentachlorophenol	17.01	266	13395301	2771.74	ng/ul	97
69) Phenanthrene	17.38	178	2542959	82.58	ng/ul	98
71) Anthracene	17.46	178	298053m>	9.46	ng/ul	
72) Carbazole	17.74	167	4048577	146.57	ng/ul	98
74) Fluoranthene	19.37	202	125337	3.13	ng/ul	97
77) Pyrene	19.73	202	56397	1.55	ng/ul#	96

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