

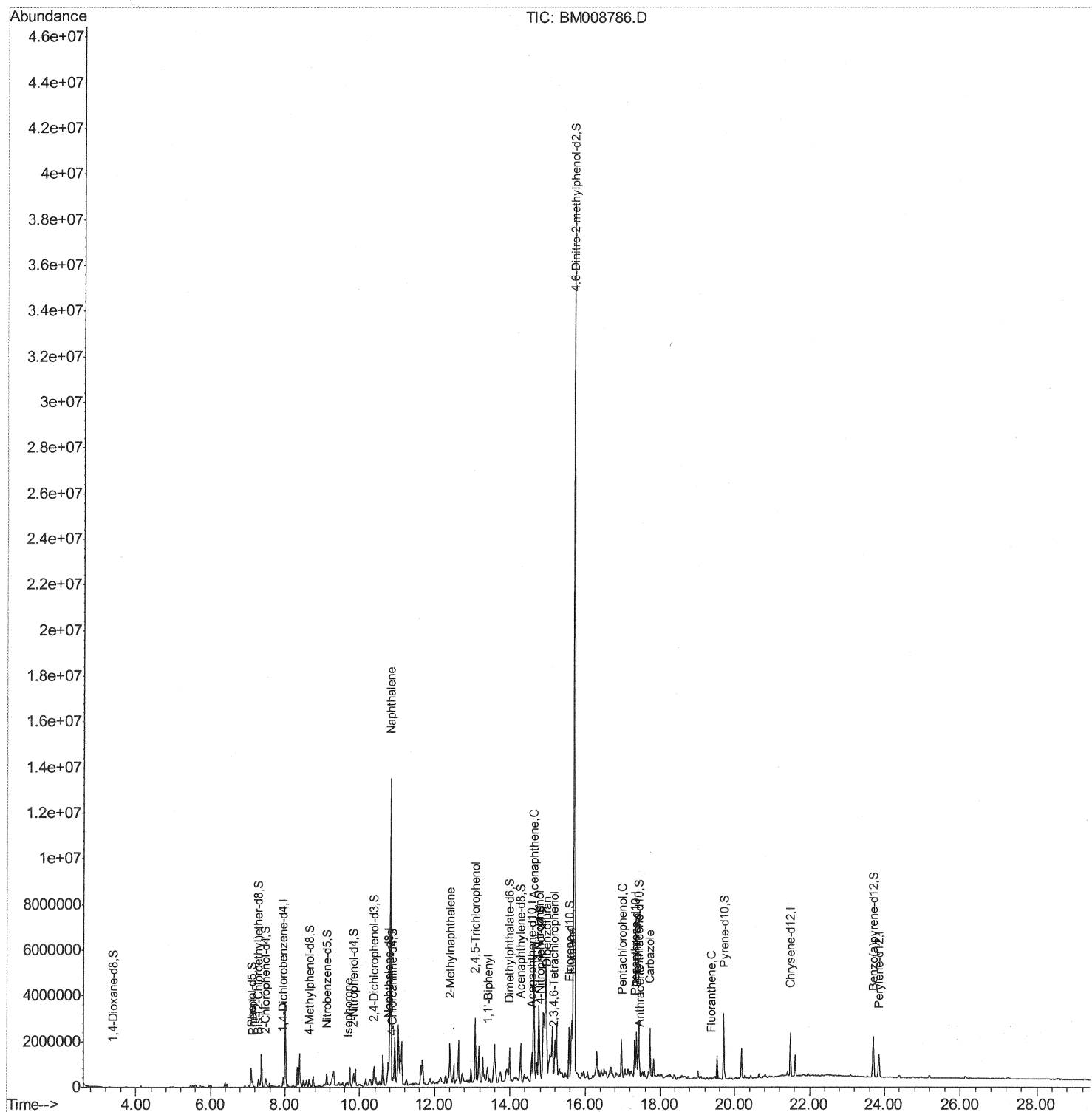
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
 Data File : BM008786.D
 Acq On : 22 Jan 2017 00:24
 Operator : UM/SJ
 Sample : I1323-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA9R6

Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:49:03 PM

Quant Time: Jan 23 05:38:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 23 04:58:16 2017
 Response via : Initial Calibration



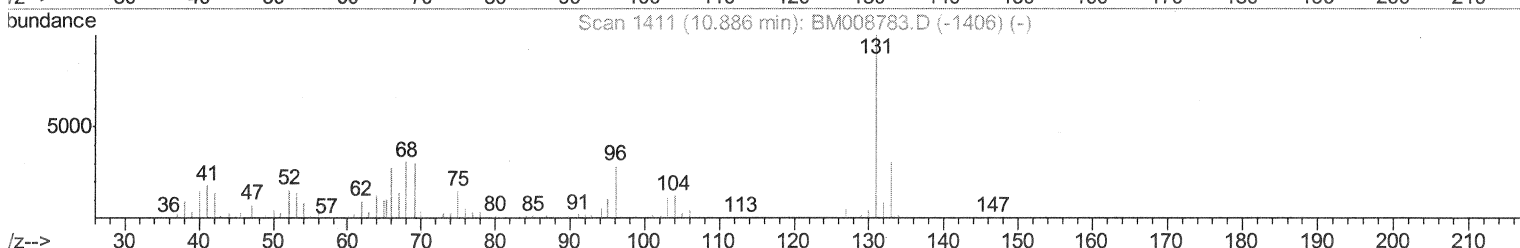
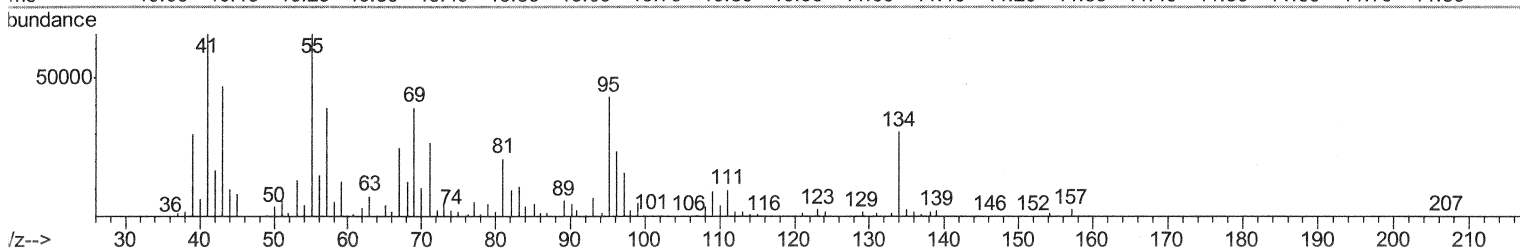
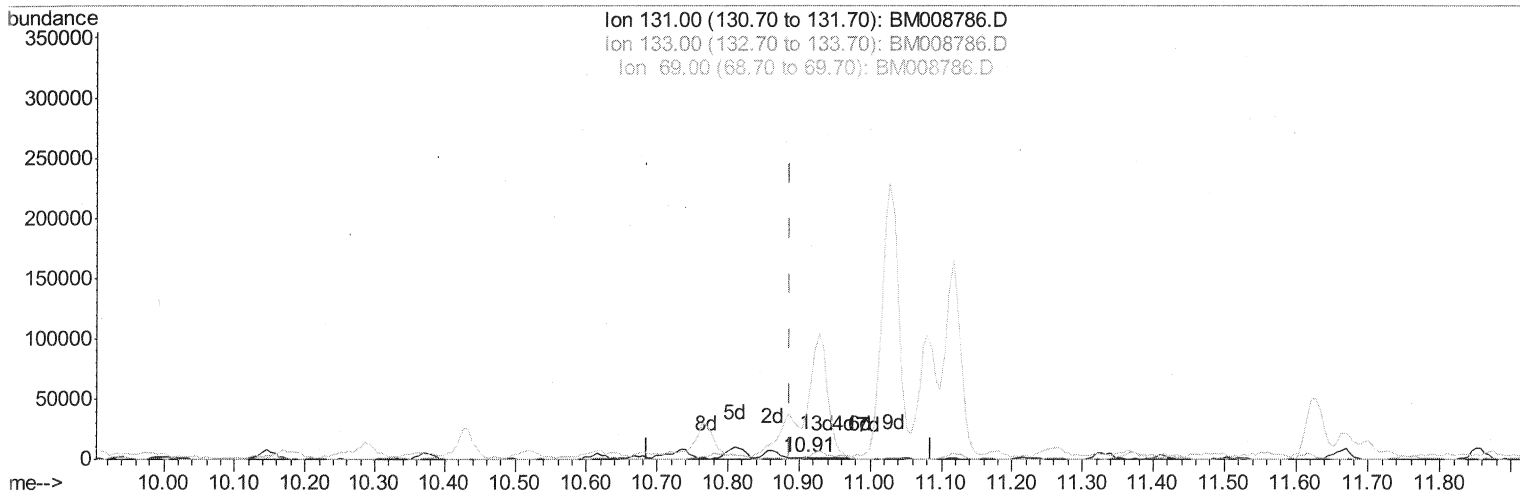
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Quant Time: Jan 23 05:02:33 2017
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TIC: BM008786.D

(29) 4-Chloroaniline-d4 (S)
 10.910min (+0.024) 0.09ng/ul
 response 532

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	93.70#
69.00	19.70	2230.55#
0.00	0.00	0.00

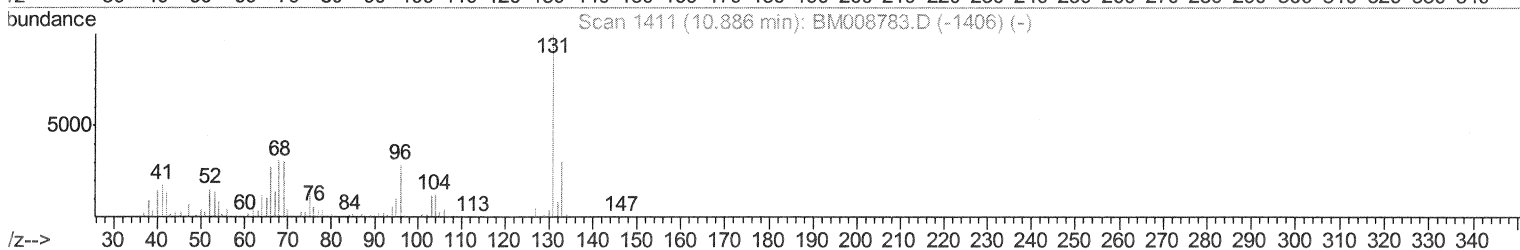
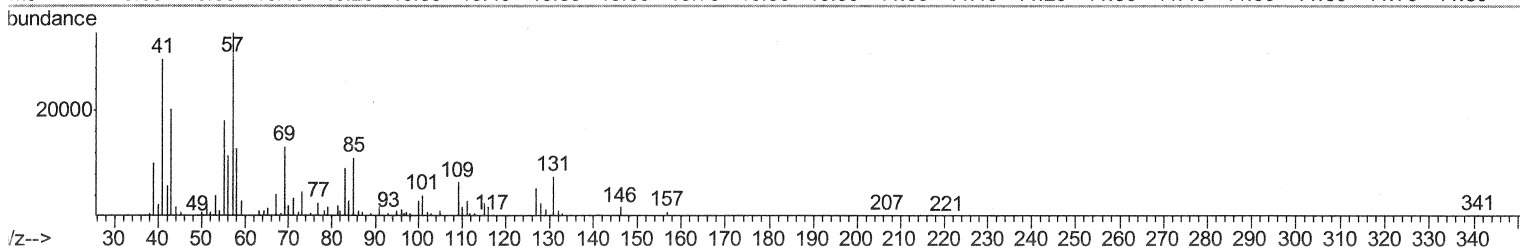
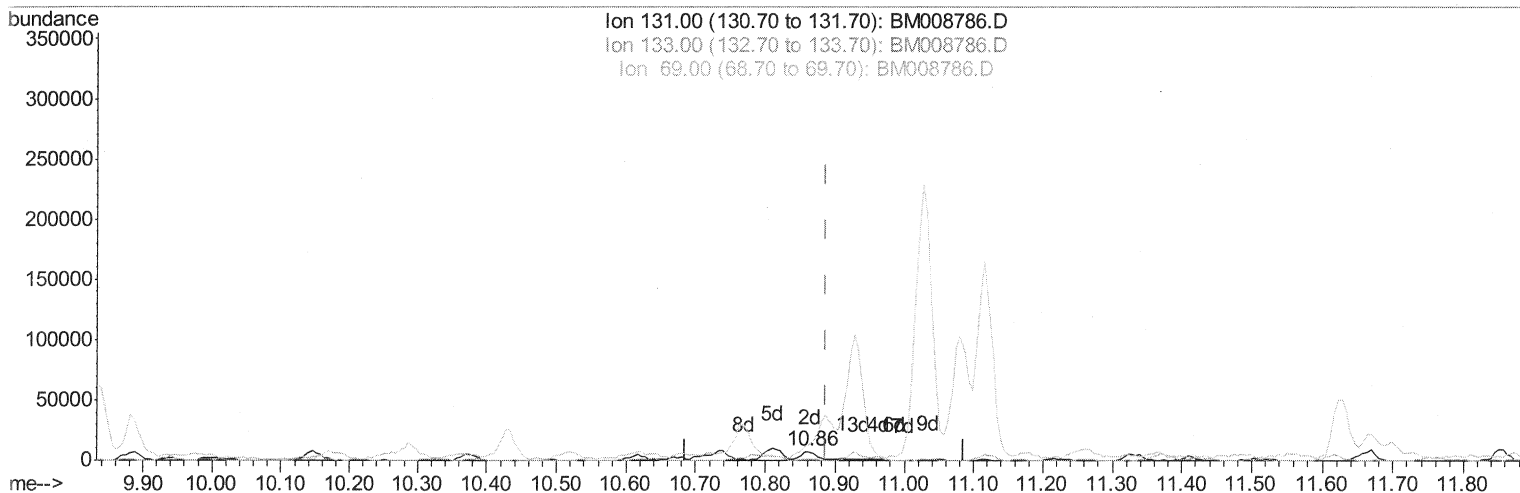
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Instrument :
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ClientSampleId :
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Manual Integrations
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QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration



TIC: BM008786.D

(29) 4-Chloroaniline-d4 (S)

10.863min (-0.023) 2.03ng/ul m

SJ 1/22/17

response 11621

Ion	Exp%	Act%
131.00	100	100
133.00	33.10	9.76#
69.00	19.70	174.97#
0.00	0.00	0.00

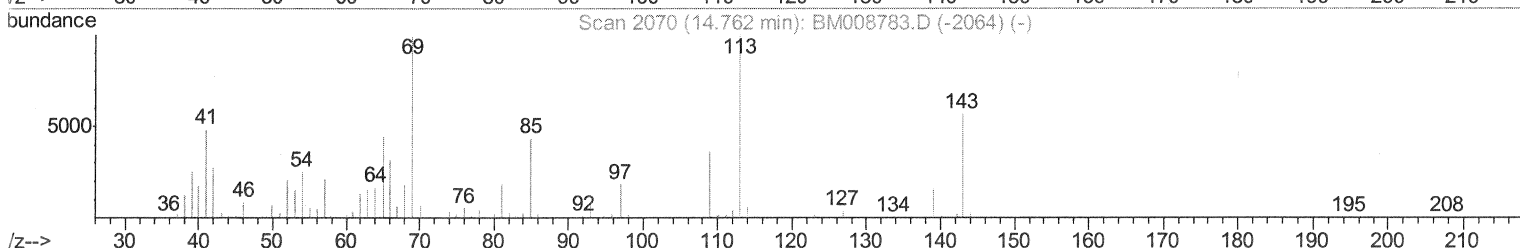
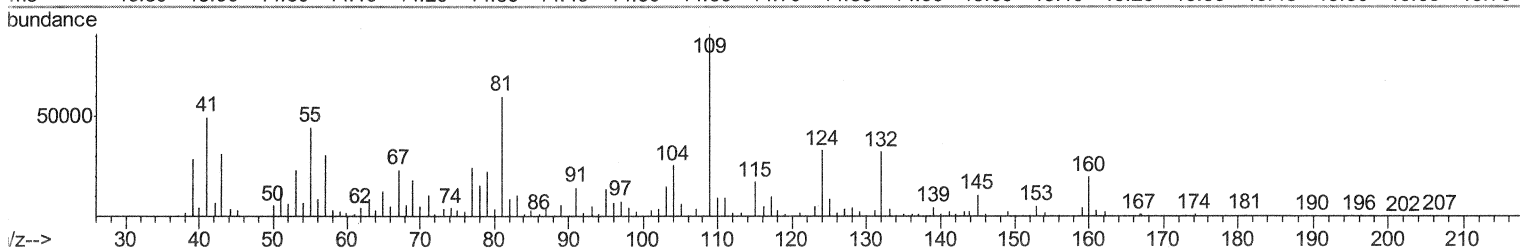
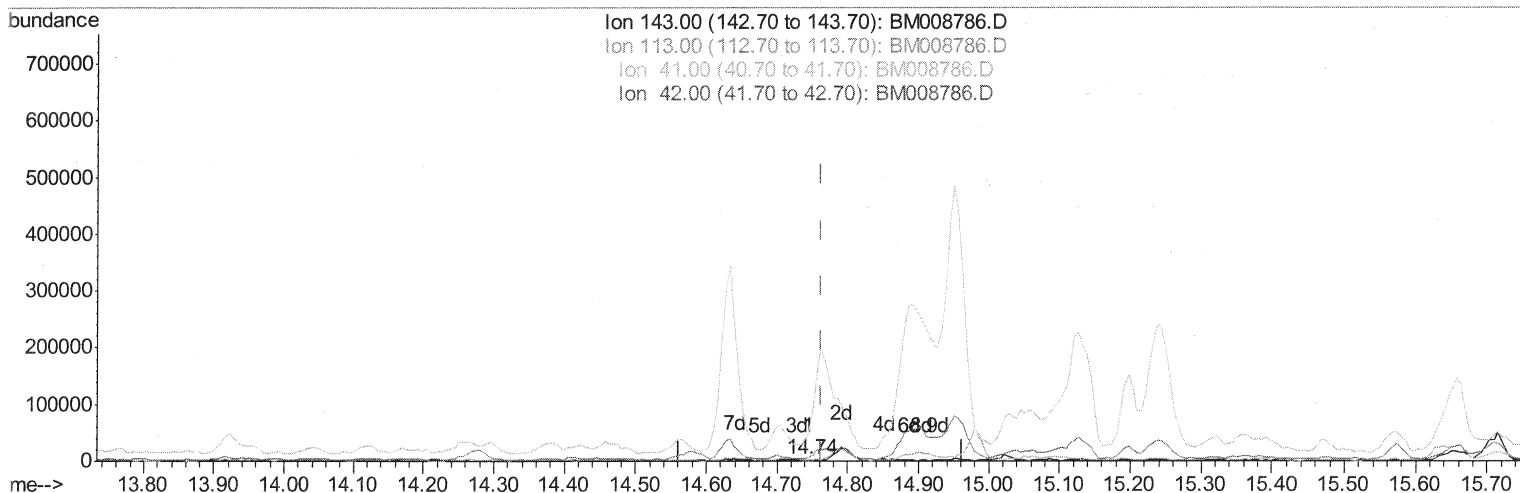
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Manual Integrations
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TIC: BM008786.D

(51) 4-Nitrophenol-d4 (S)

14.745min (-0.017) 0.28ng/ul

response 979

Ion	Exp%	Act%
143.00	100	100
113.00	85.80	92.71
41.00	36.80	1873.11#
42.00	26.40	263.18#

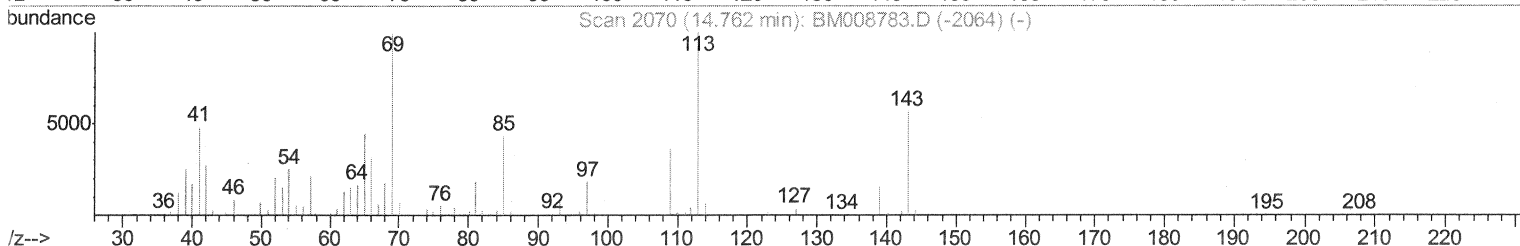
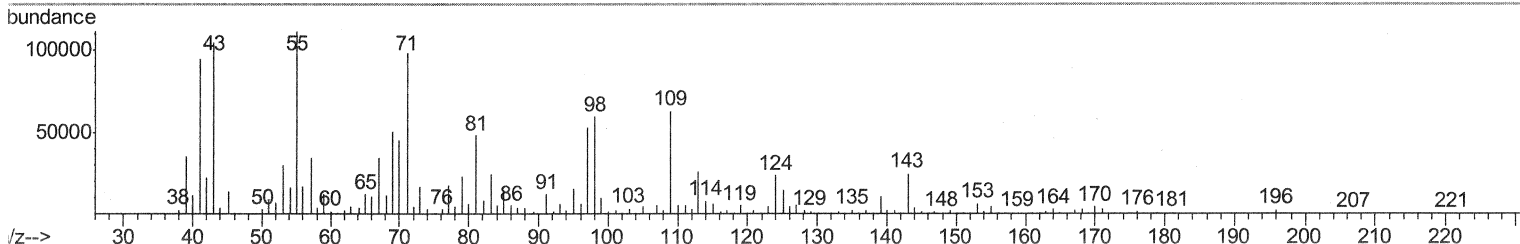
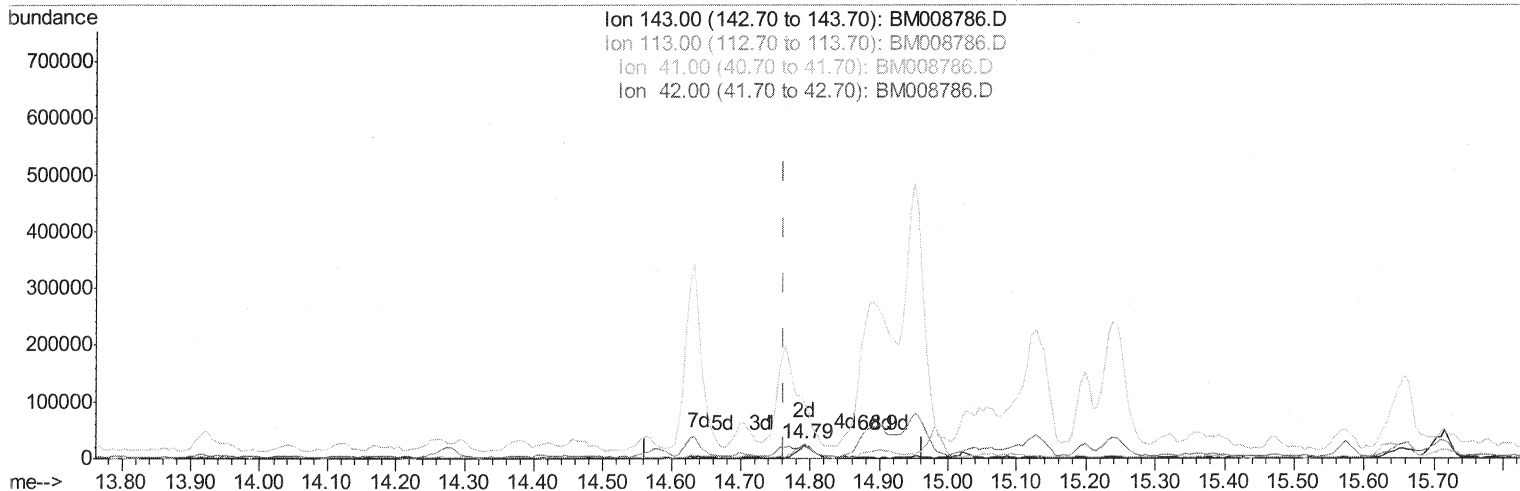
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA9R6

Manual Integrations
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mohammad
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TIC: BM008786.D

(51) 4-Nitrophenol-d4 (S)

14.792min (+0.030) 11.10ng/ul m SD 1/17/17

response 38948

Ion	Exp%	Act%
143.00	100	100
113.00	85.80	104.34#
41.00	36.80	377.90#
42.00	26.40	88.82#

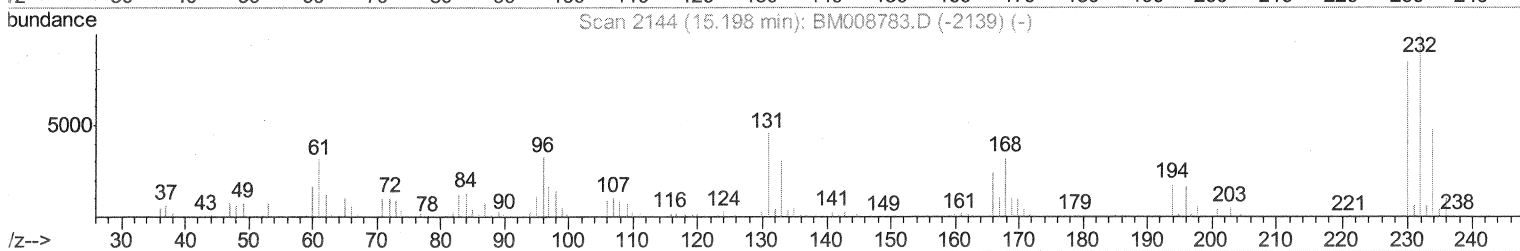
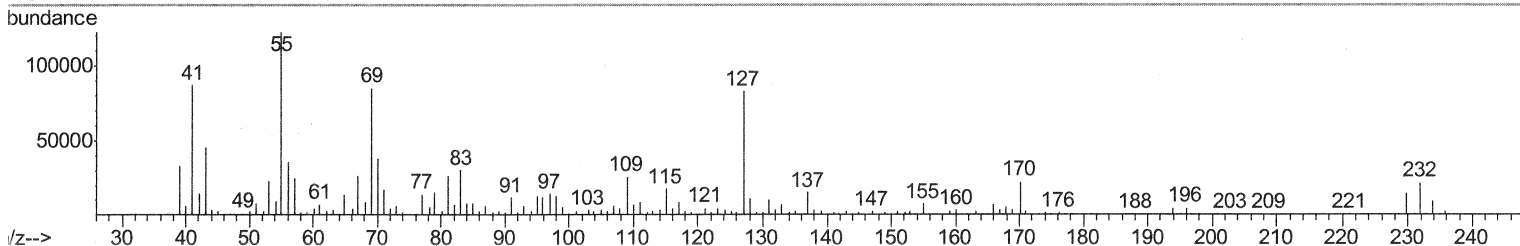
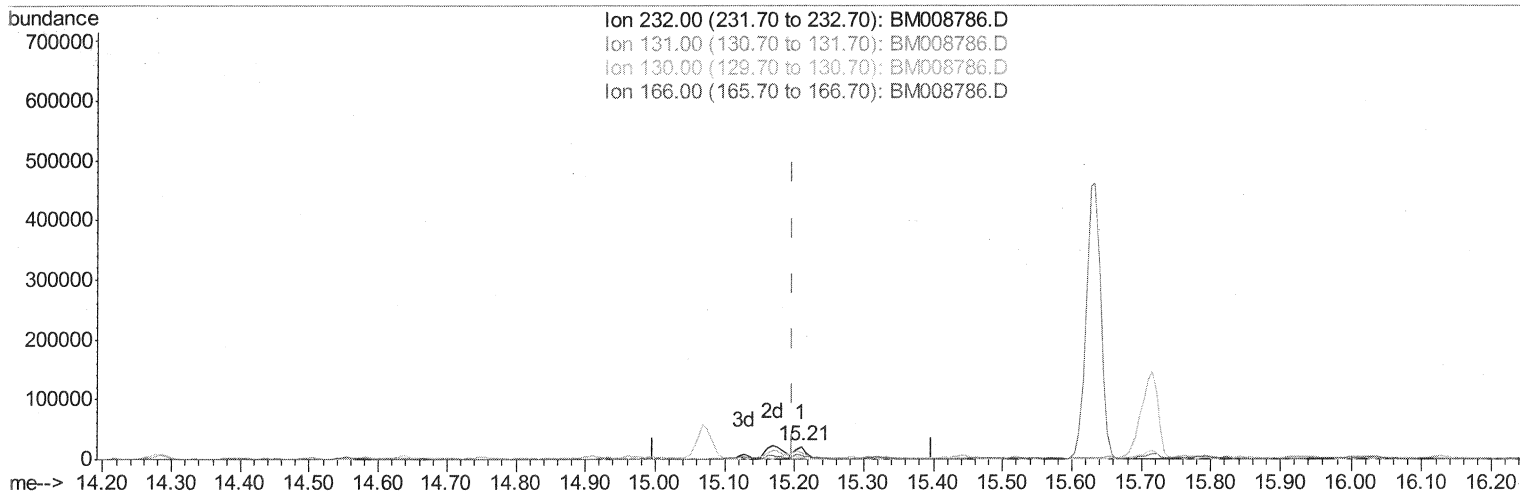
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 Data File : BM008786.D
 Acq On : 22 Jan 2017 00:24
 Operator : UM/SJ
 Sample : I1323-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DA9R6

Manual Integrations
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 1/23/2017 2:49:03 PM

Quant Time: Jan 23 05:35:19 2017
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TIC: BM008786.D

(55) 2,3,4,6-Tetrachlorophenol

15.210min (+0.012) 4.37ng/ul

response 26200

Ion	Exp%	Act%
232.00	100	100
131.00	39.80	48.71#
130.00	2.20	9.56#
166.00	27.00	32.33

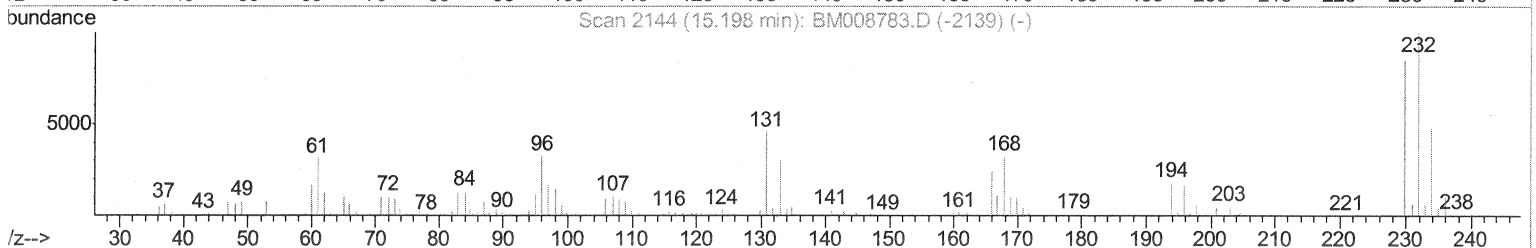
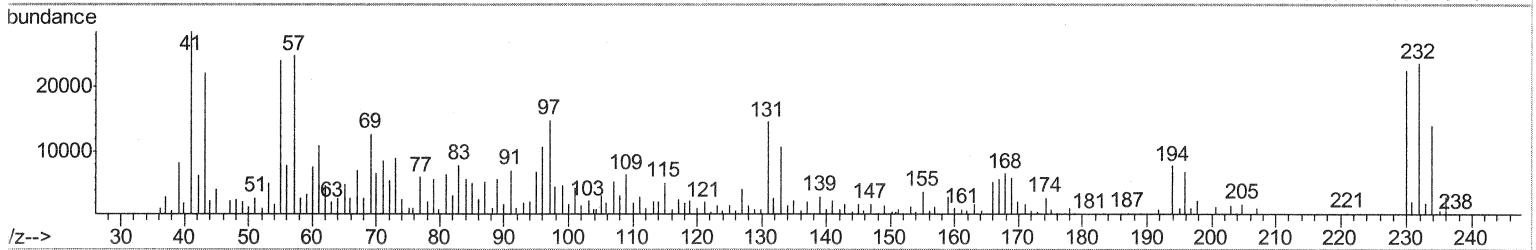
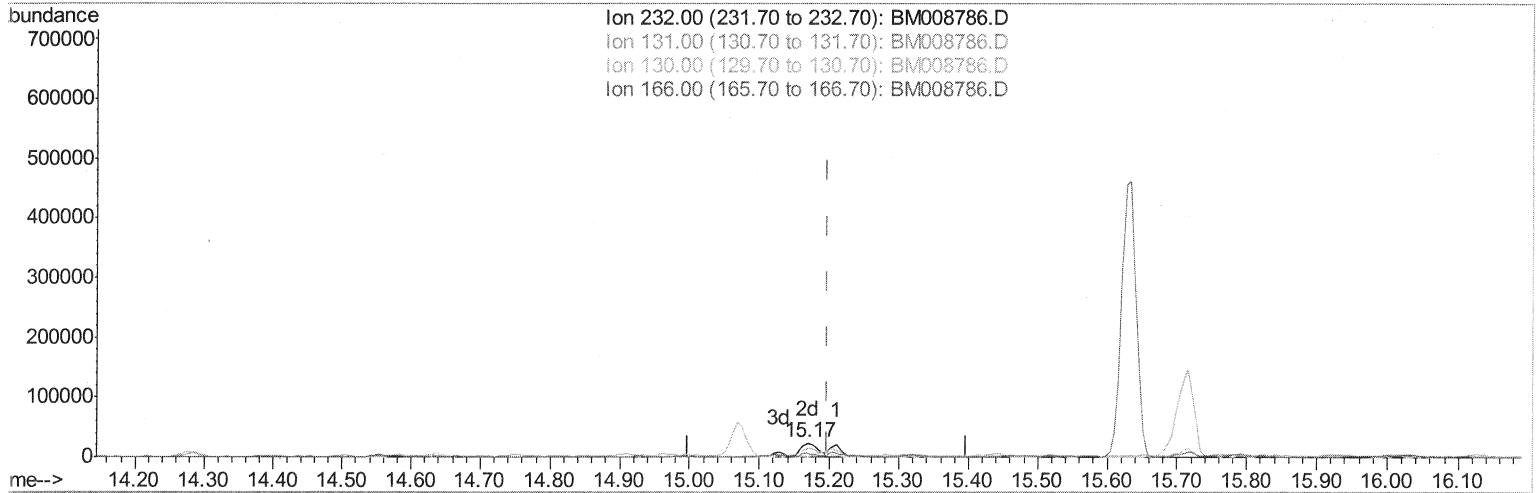
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 Operator : UM/SJ
 Sample : I1323-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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mohammad
 1/23/2017 2:49:03 PM

Quant Time: Jan 23 05:35:19 2017
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TIC: BM008786.D

(55) 2,3,4,6-Tetrachlorophenol

15.168min (-0.029) 6.48ng/ul m

SJ 1/23/17

response 38836

Ion	Exp%	Act%
232.00	100	100
131.00	39.80	61.46#
130.00	2.20	4.60#
166.00	27.00	22.59

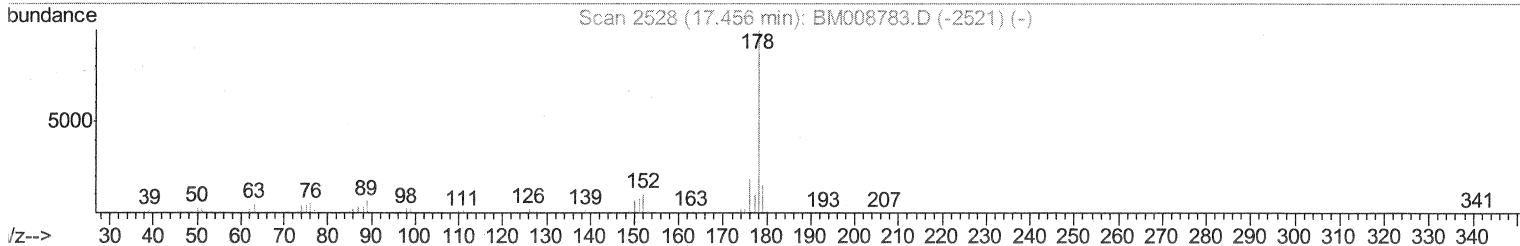
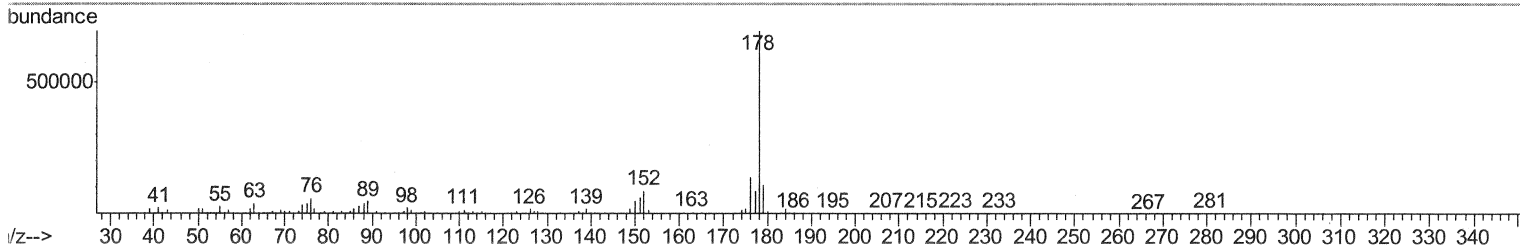
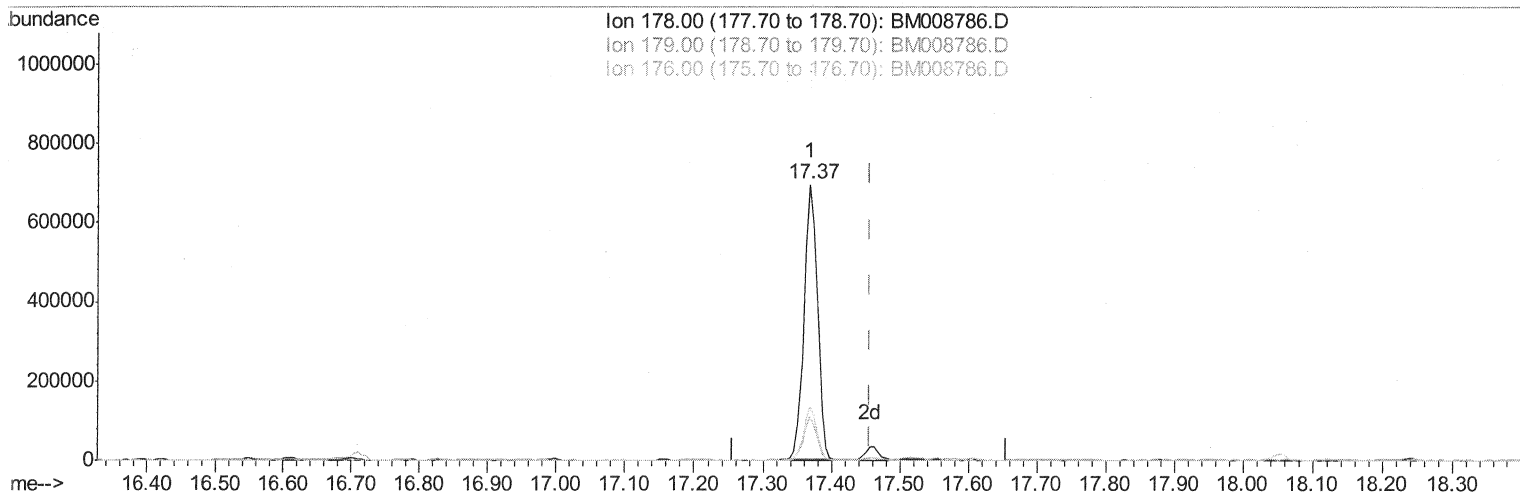
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 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM008786.D

(71) Anthracene

17.368min (-0.088) 26.15ng/ui

response 950997

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	16.10
176.00	18.20	19.77
0.00	0.00	0.00

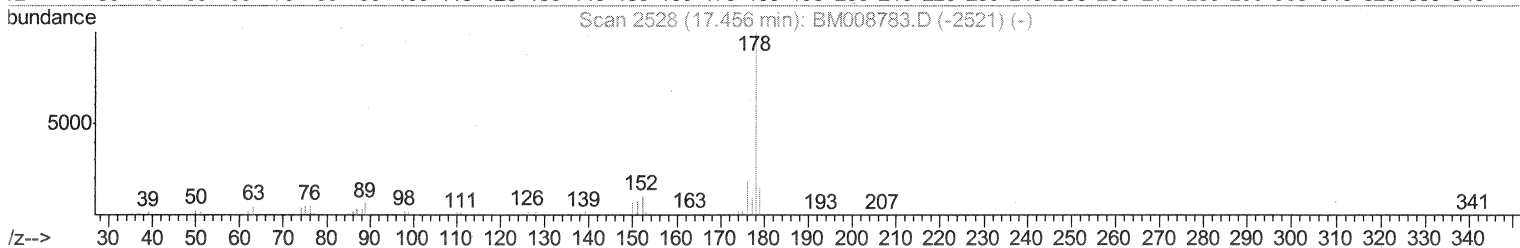
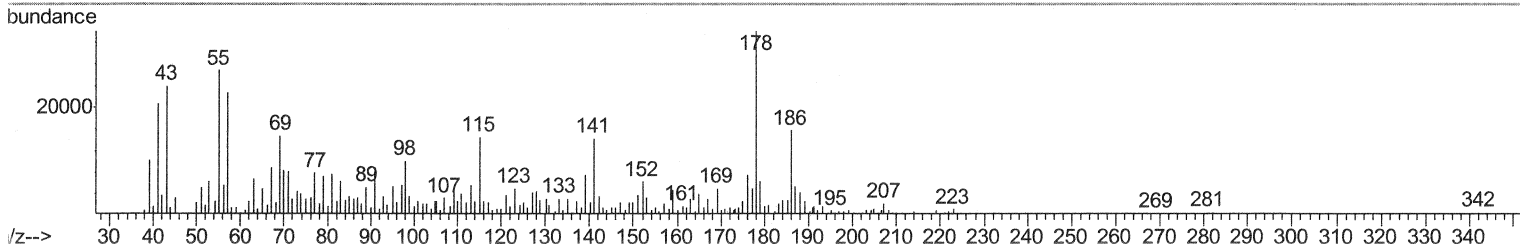
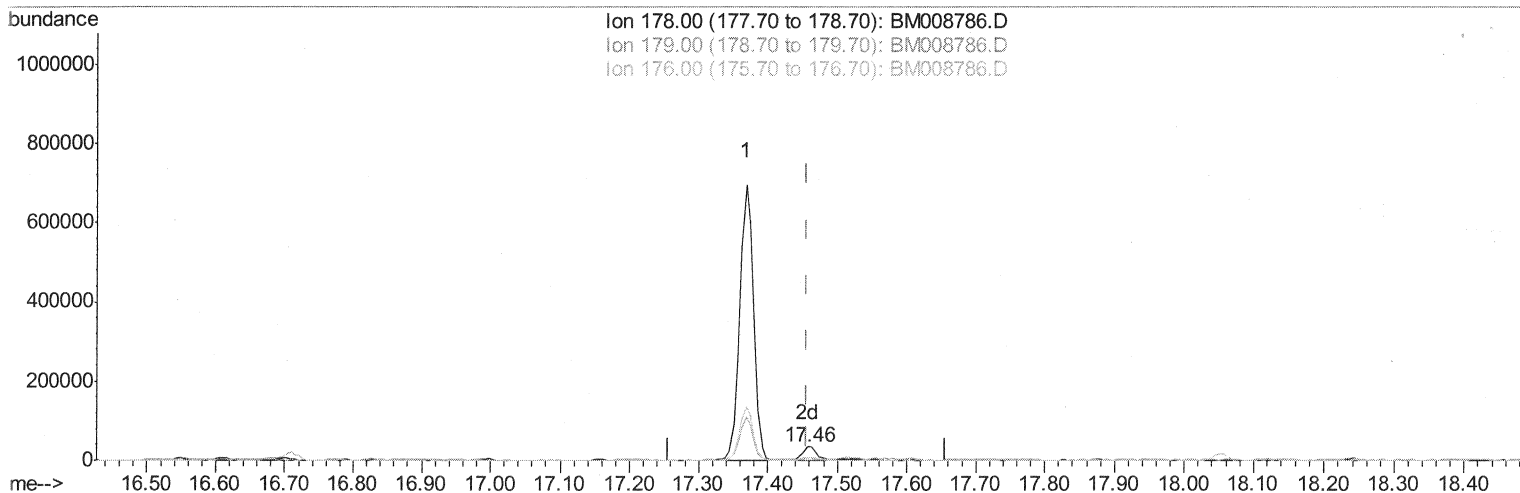
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Manual Integrations
 APPROVED

mohammad
 1/23/2017 2:49:03 PM

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TIC: BM008786.D

(71) Anthracene

17.457min (+0.000) 1.35ng/ul m 52 1/22/17

response 49196

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	18.37#
176.00	18.20	21.99#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	68521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	335311	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	325175	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	735036	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	901769	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	787760	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1699	1.15	ng/uL	0.00
5) Phenol-d5	7.10	99	35177	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	147116	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	95039	24.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	68371	15.66	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	63894	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	85615	38.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	162421	31.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	11621m	2.03	ng/ul	-0.02
43) Dimethylphthalate-d6	13.99	166	740002	34.49	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	880697	34.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	38948m	11.10	ng/ul	0.03
57) Fluorene-d10	15.57	176	682245	34.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.72	200	3031530	800.14	ng/ul	0.03
70) Anthracene-d10	17.43	188	1160084	36.63	ng/ul	0.00
76) Pyrene-d10	19.71	212	1404601	35.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1222432	38.05	ng/ul	0.00

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Target Compounds

						Qvalue
6) Phenol	7.13	94	95546	15.80	ng/ul#	45
21) Isophorone	9.69	82	61723	4.75	ng/ul#	86
28) Naphthalene	10.82	128	8108698	529.16	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	624330	52.56	ng/ul	97
39) 2,4,5-Trichlorophenol	13.09	196	526269	82.98	ng/ul	98
40) 1,1'-Biphenyl	13.42	154	125957	6.18	ng/ul#	95
49) Acenaphthene	14.64	153	311924	18.18	ng/ul#	52
52) 4-Nitrophenol	14.76	109	1045111	179.01	ng/ul#	1
53) Dibenzofuran	14.98	168	901633	34.53	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.17	232	38836m	6.48	ng/ul	
58) Fluorene	15.63	166	673334	31.46	ng/ul	98
68) Pentachlorophenol	16.97	266	178266	33.25	ng/ul	94
69) Phenanthrene	17.37	178	950997	26.88	ng/ul	97
71) Anthracene	17.46	178	49196m	1.35	ng/ul	
72) Carbazole	17.73	167	1173895	36.27	ng/ul	96
74) Fluoranthene	19.37	202	56873	1.25	ng/ul	99

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