

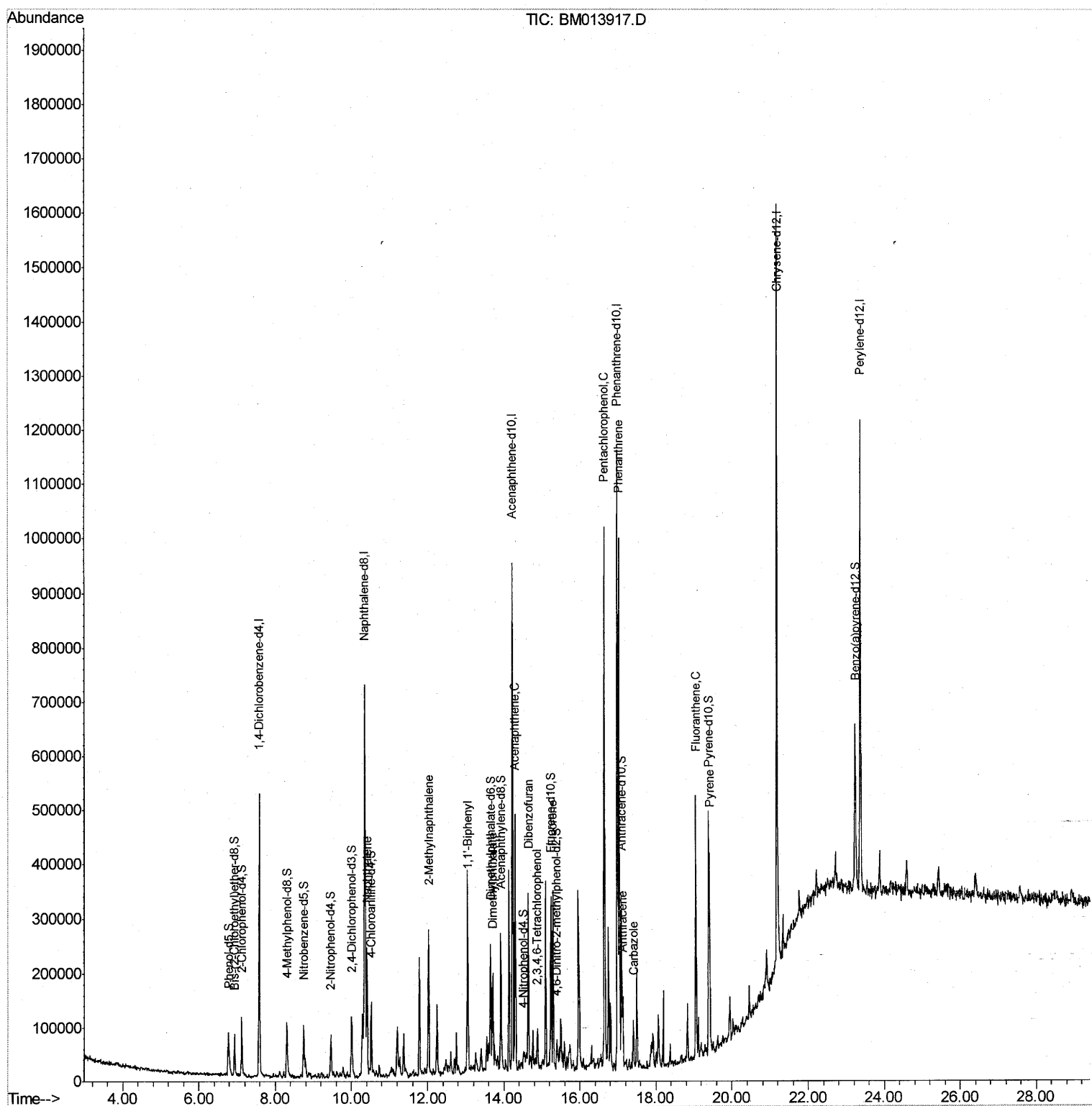
Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6A77DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:12:27 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration

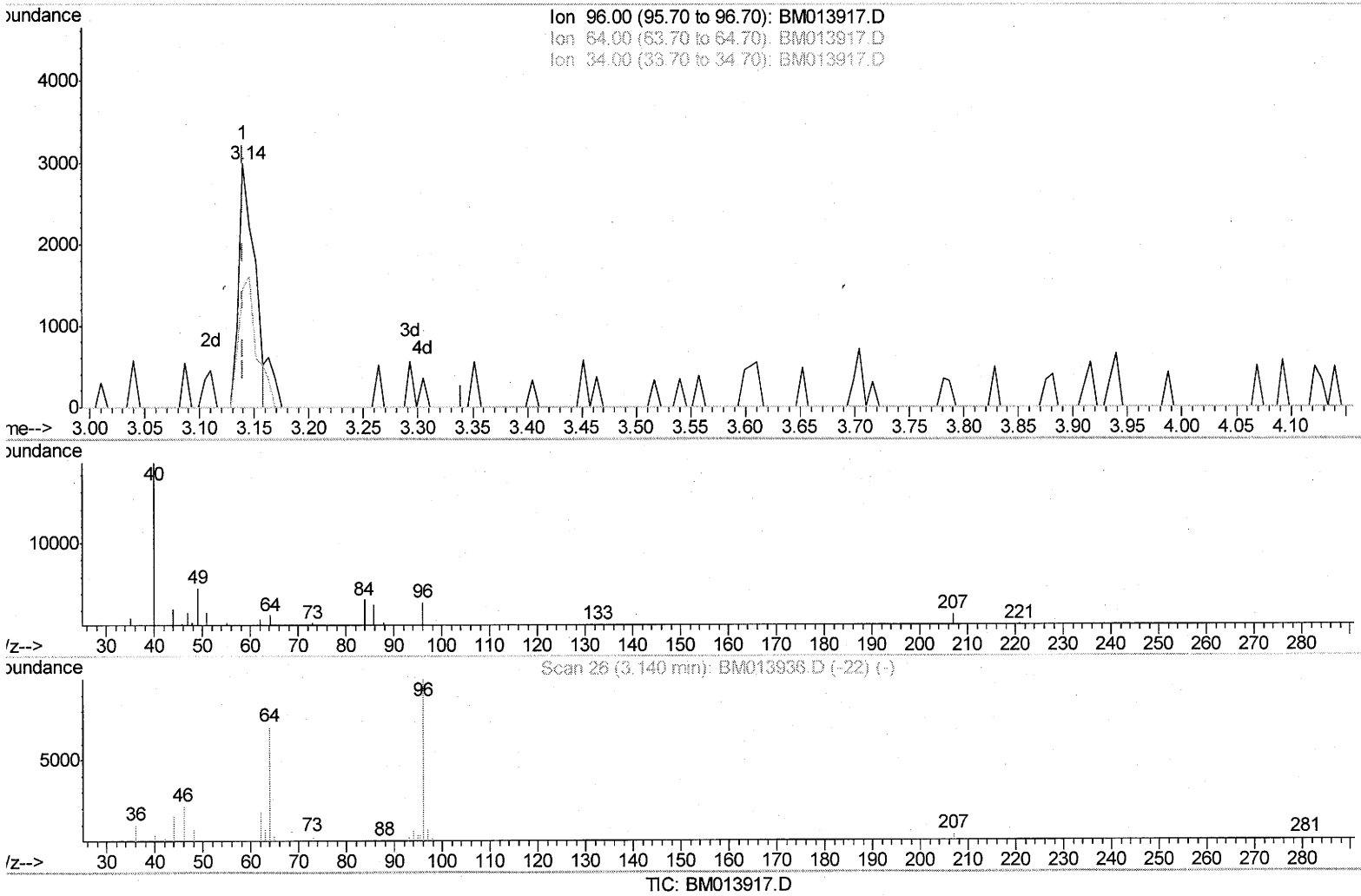


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Quant Time: Jan 29 03:16:06 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 03:14:13 2018
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(3) 1,4-Dioxane-d8 (S)

3.140min (+0.000) 0.87ng/uL

response 2996

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	61.38
34.00	0.00	0.00
0.00	0.00	0.00

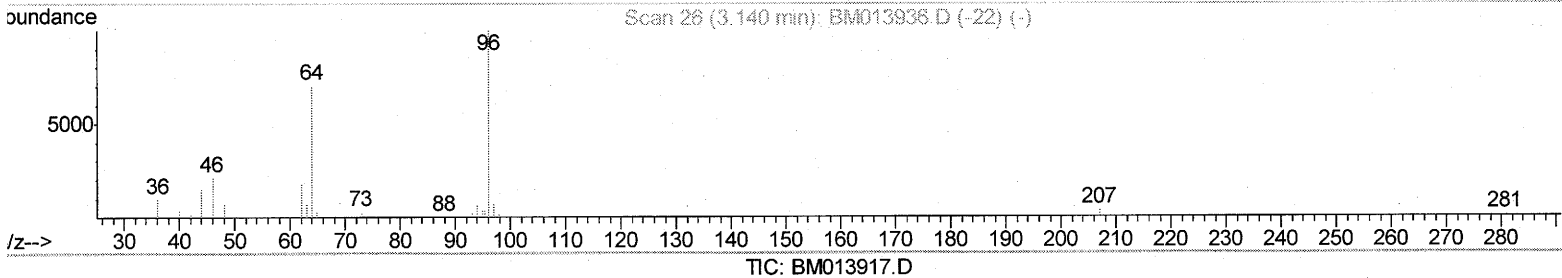
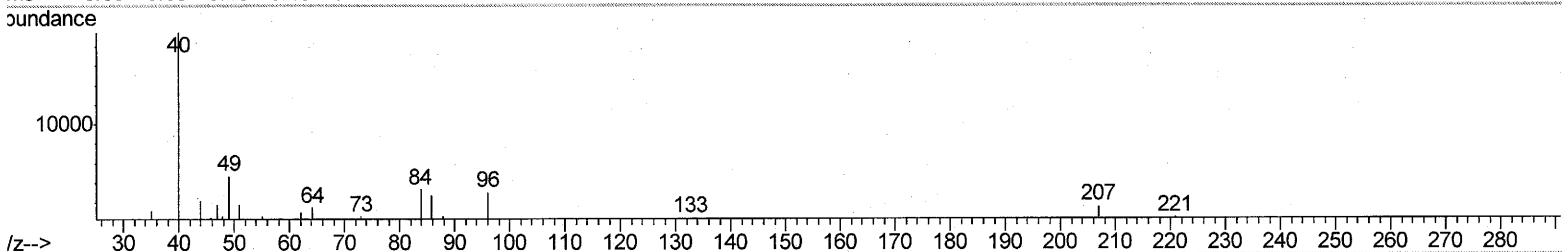
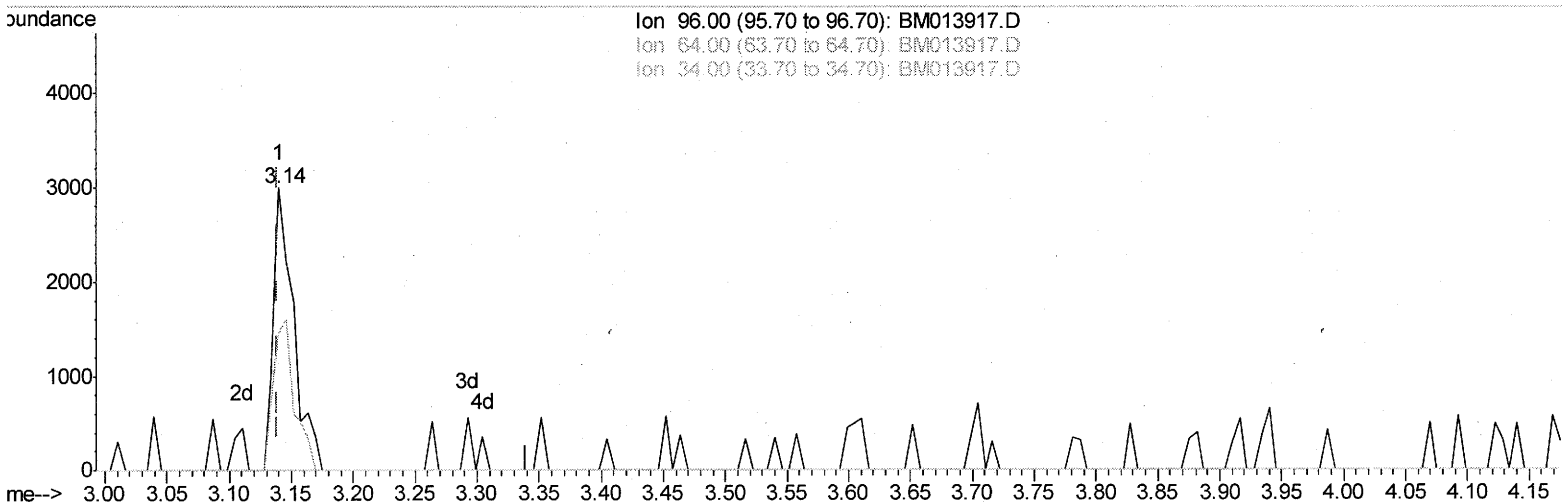
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(3) 1,4-Dioxane-d8 (S)

3.140min (+0.000) 0.97ng/uL m

501/30/18

response 3341

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	55.04#
34.00	0.00	0.00
0.00	0.00	0.00

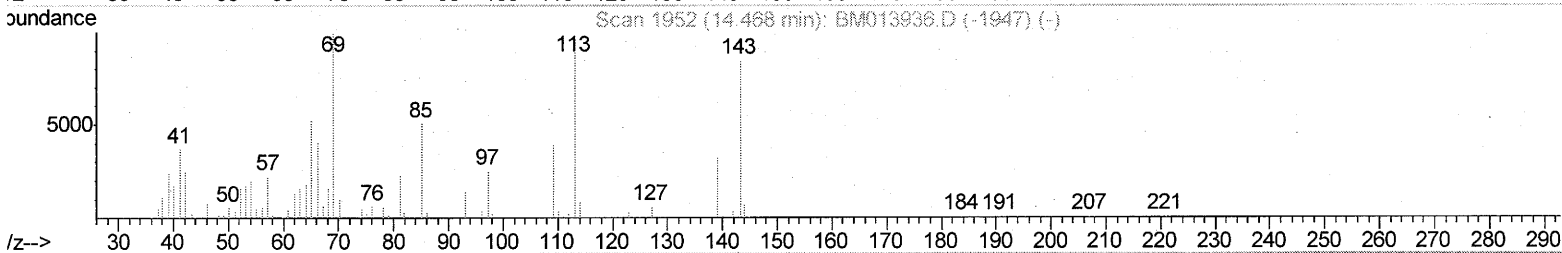
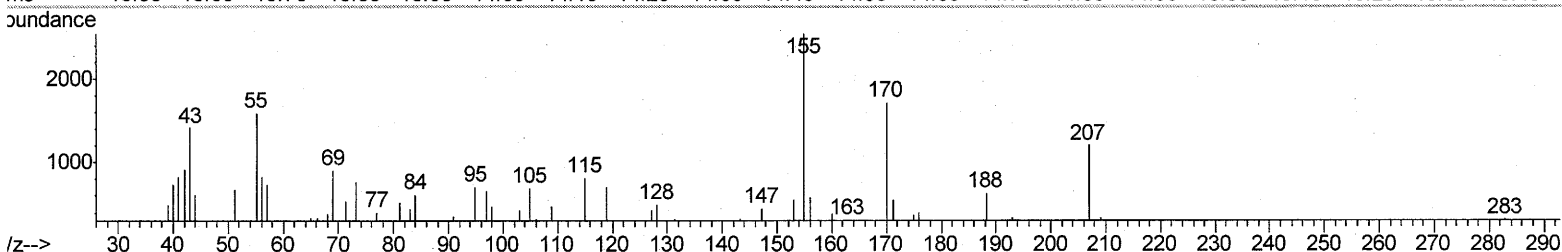
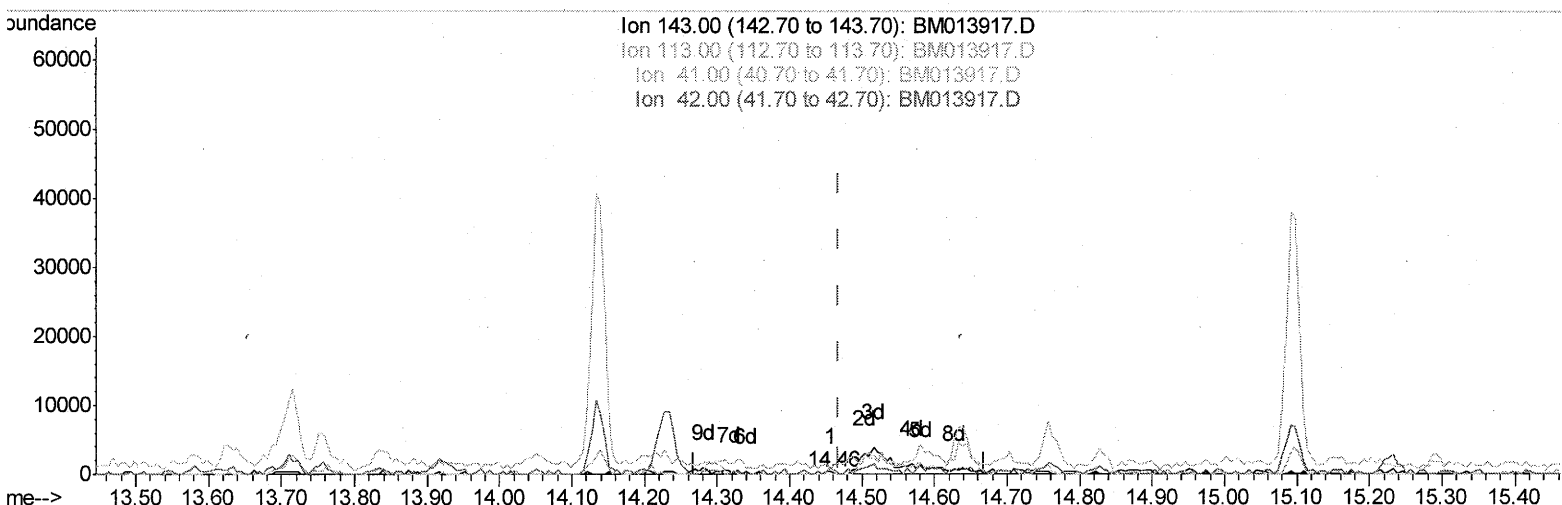
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Sohil
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Quant Time: Jan 29 04:07:50 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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TIC: BM013917.D

(51) 4-Nitrophenol-d4 (S)

14.457min (-0.012) 0.06ng/ul

response 227

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	254.66#
42.00	20.50	285.71#

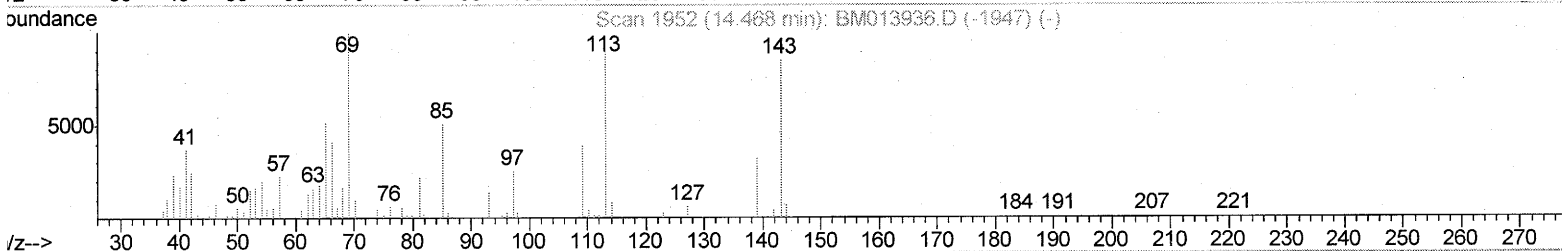
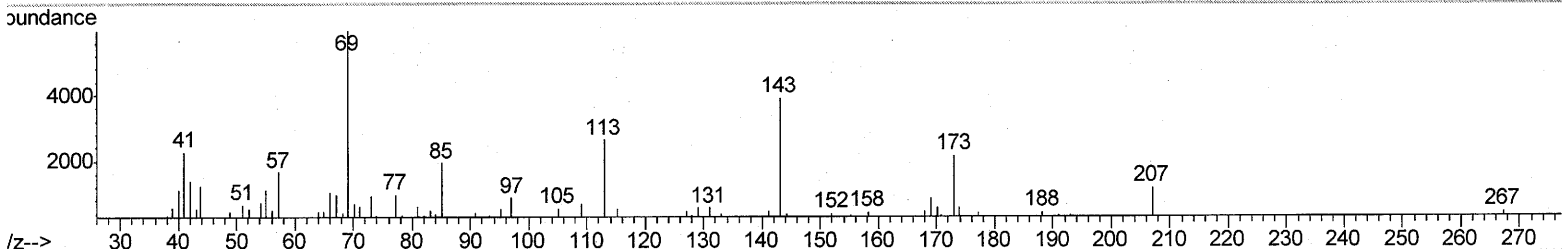
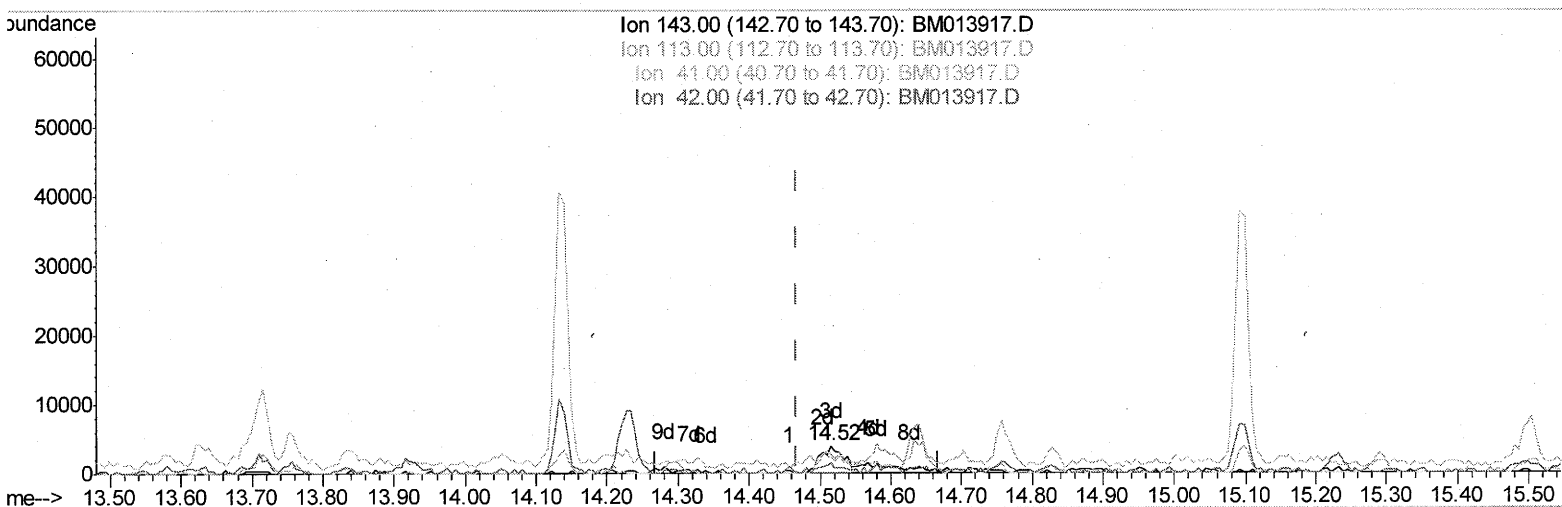
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Instrument :
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Manual Integrations
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Sohil
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TIC: BM013917.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.047) 2.22ng/ul m

501/30/18

response 8577

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	67.57#
41.00	34.80	58.14#
42.00	20.50	36.13#

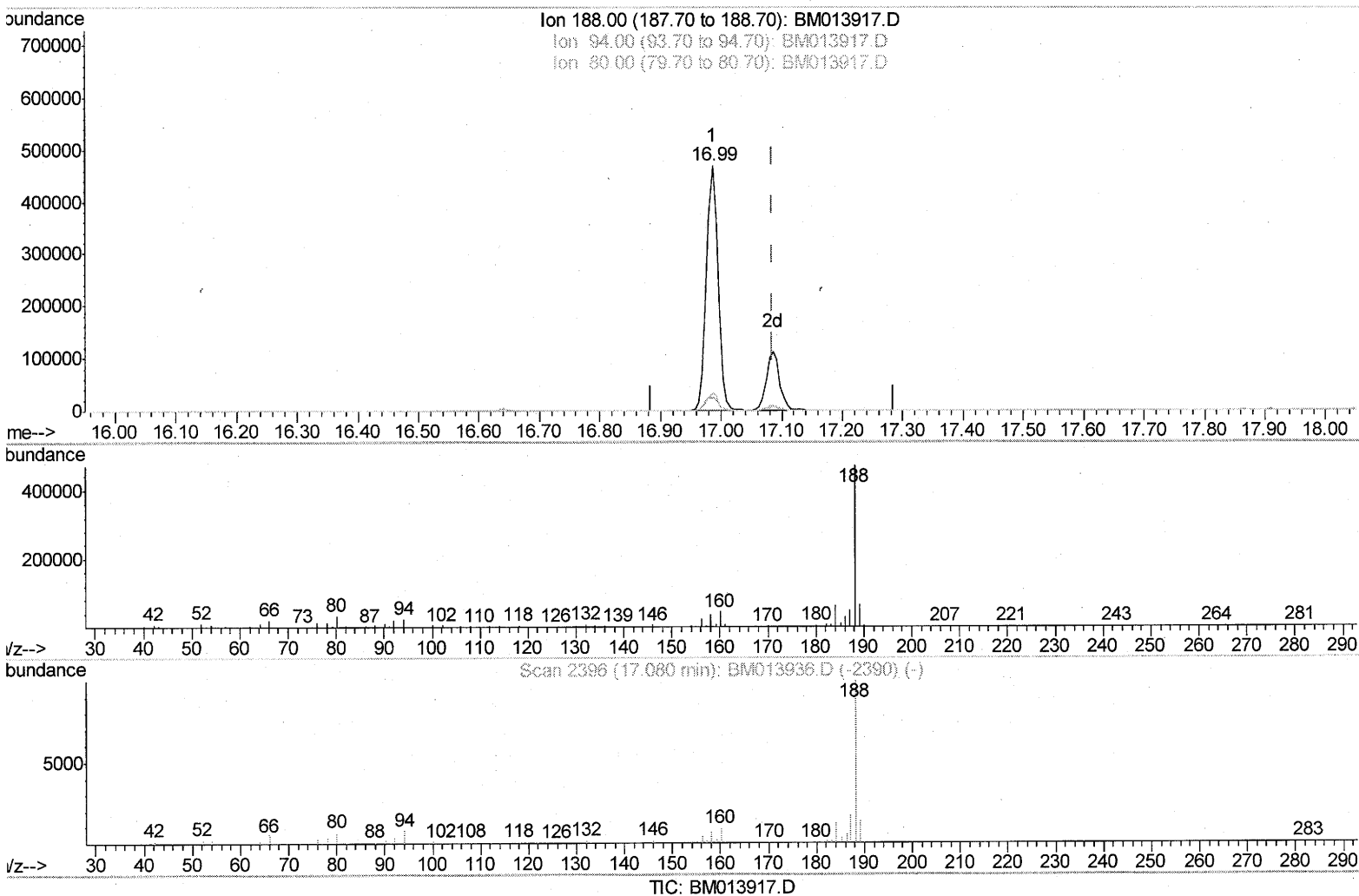
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 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F6A77DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:10:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

16.986min (-0.100) 20.53ng/ul

response 622959

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	4.96
80.00	5.90	6.96
0.00	0.00	0.00

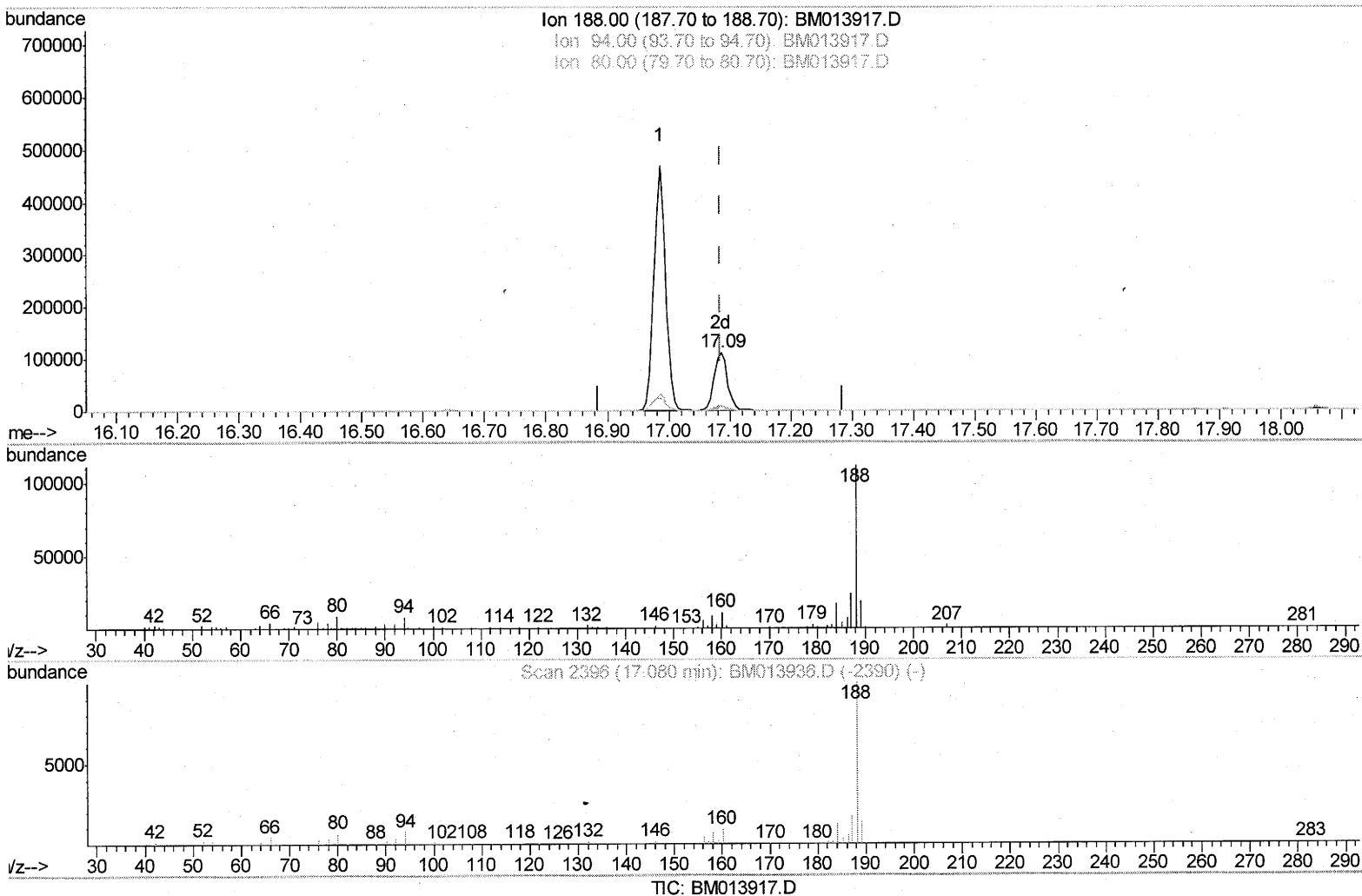
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 Data File : BM013917.D
 Acq On : 28 Jan 2018 12:05
 Operator : SJ/JU
 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:10:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.086min (+0.000) 5.56ng/ul m

response 168793

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.17#
80.00	5.90	7.84#
0.00	0.00	0.00

501/30/18

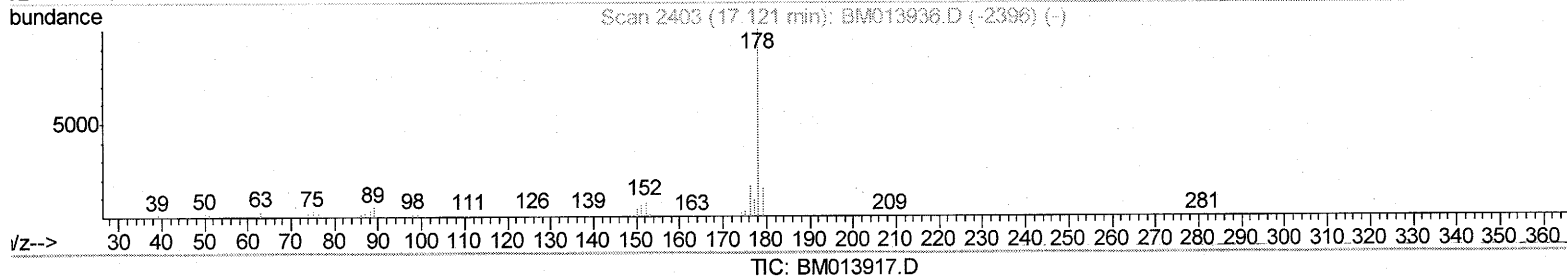
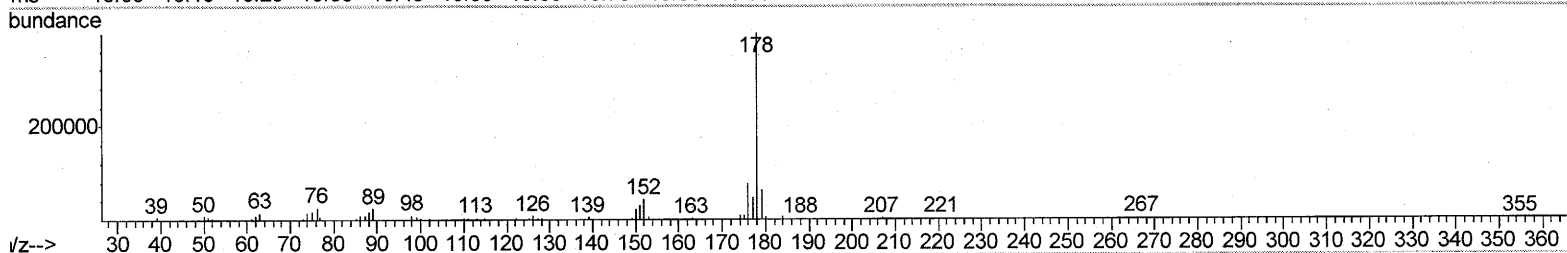
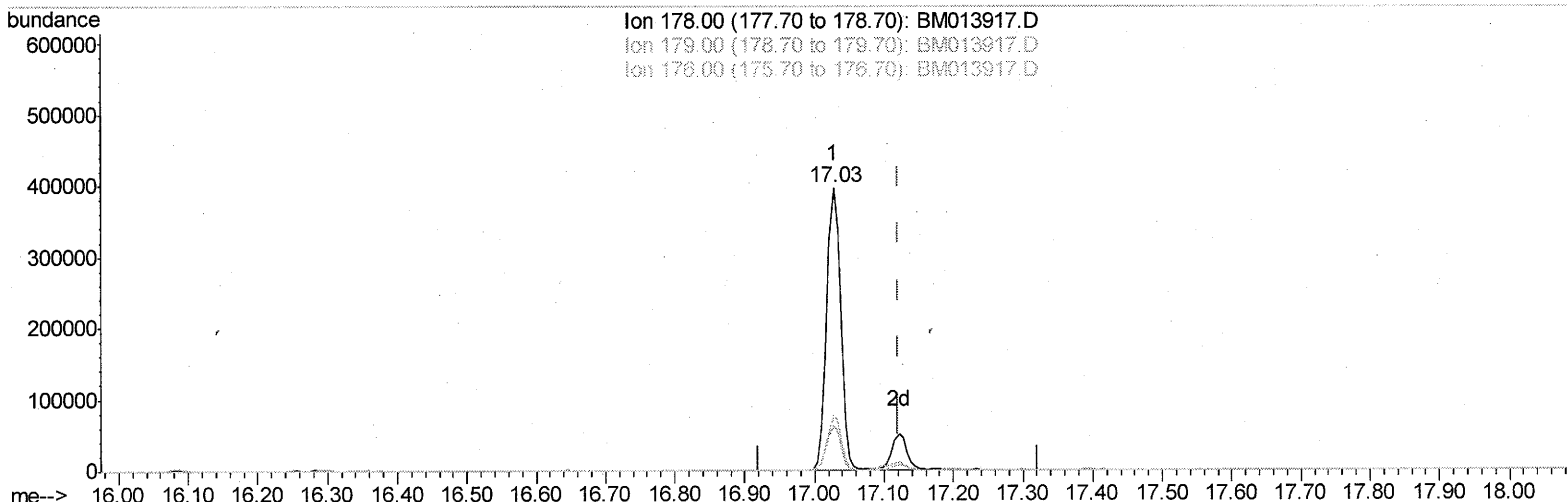
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Instrument :
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Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:11:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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 Response via : Initial Calibration



(71) Anthracene

17.027min (-0.094) 15.51ng/ul

response 554071

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.85
176.00	18.20	19.45
0.00	0.00	0.00

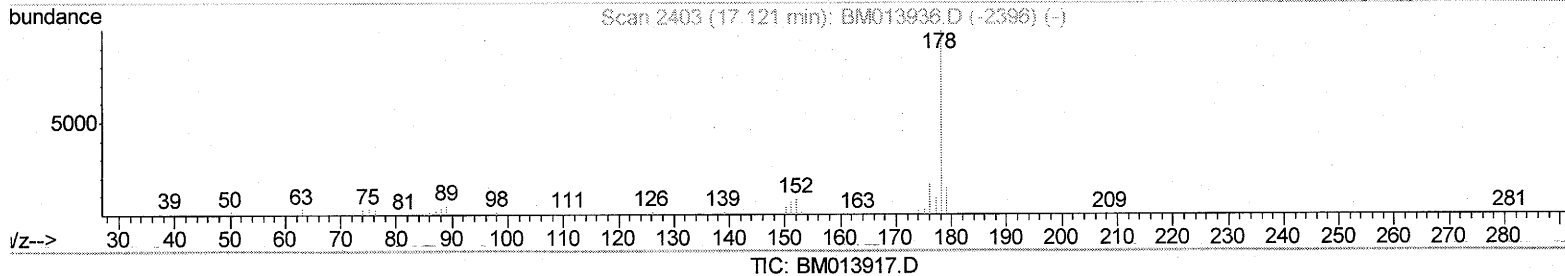
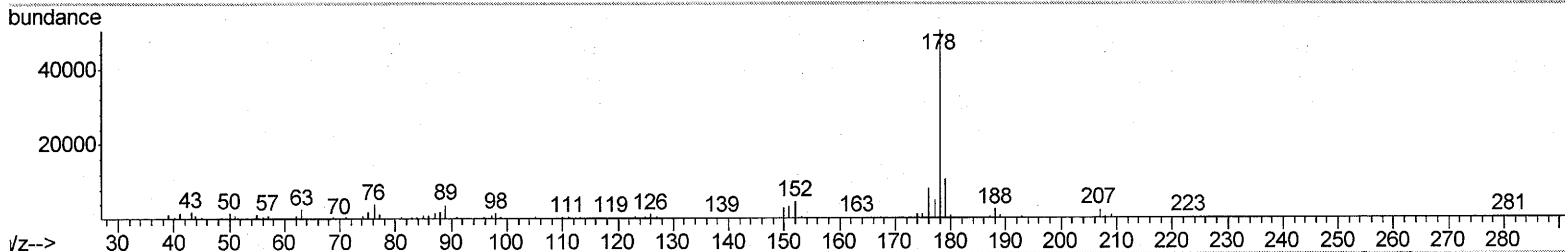
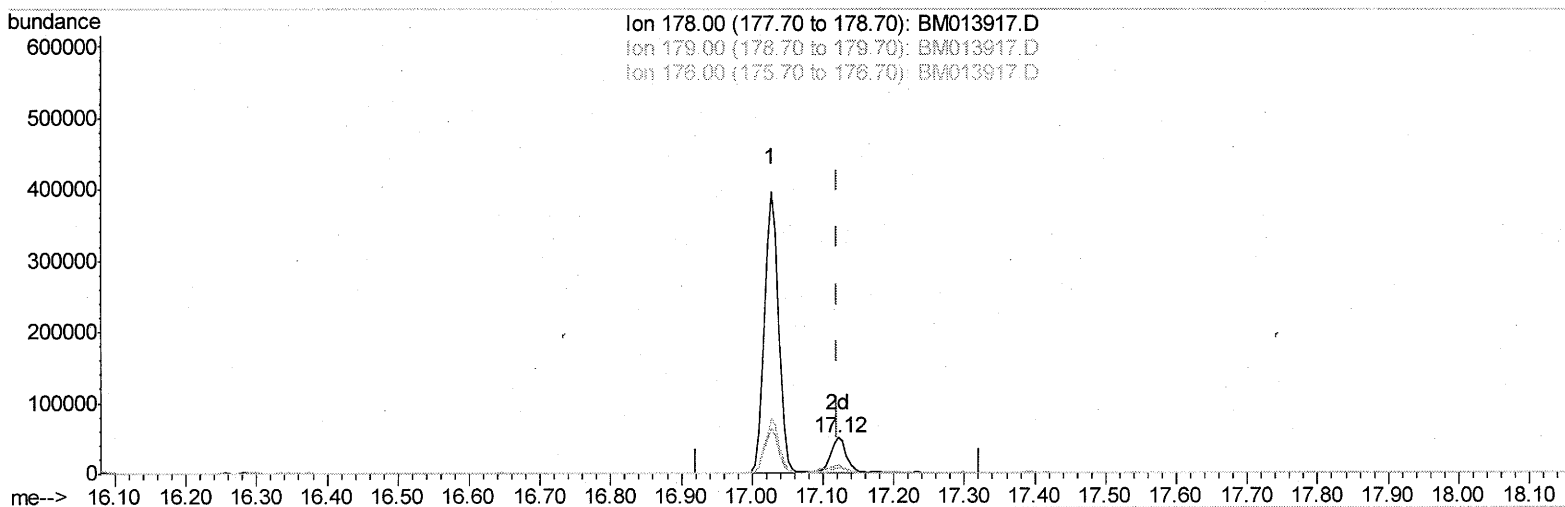
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 Sample : J1223-11DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A77DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:51 PM

Quant Time: Jan 29 04:11:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 03:14:13 2018
 Response via : Initial Calibration



(71) Anthracene

17.121min (+0.000) 2.12ng/ul m

response 75769

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	20.79#
176.00	18.20	16.25
0.00	0.00	0.00

SJ/30/18

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	135625	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	517543	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	288313	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	622959	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	654770	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	634577	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3341m	0.97	ng/uL	0.00
5) Phenol-d5	6.77	99	45663	4.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	33617	5.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	46268	5.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	40008	5.00	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	20214	5.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	21199	5.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	39951	4.87	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	48443	6.81	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	134829	5.67	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	162920	5.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	8577m	2.22	ng/ul	0.05
57) Fluorene-d10	15.23	176	113019	5.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	10073	2.69	ng/ul	0.01
70) Anthracene-d10	17.09	188	168793m	5.56	ng/ul	0.00
76) Pyrene-d10	19.39	212	183228	6.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	173748	5.96	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	176808	6.867	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	115584	6.021	ng/ul	92
40) 1,1'-Biphenyl	13.06	154	41556	1.732	ng/ul#	84
44) Dimethylphthalate	13.70	163	52461	2.245	ng/ul#	96
49) Acenaphthene	14.30	153	177868	9.263	ng/ul	98
53) Dibenzofuran	14.64	168	169262	5.860	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	15345	2.535	ng/ul#	86
58) Fluorene	15.29	166	132617	5.605	ng/ul	91
68) Pentachlorophenol	16.64	266	175067	41.597	ng/ul	99
69) Phenanthrene	17.03	178	554071	16.001	ng/ul	99
71) Anthracene	17.12	178	75769m	2.121	ng/ul	
72) Carbazole	17.40	167	47159	1.600	ng/ul	97
74) Fluoranthene	19.06	202	292643	7.080	ng/ul	98
77) Pyrene	19.42	202	200493	5.037	ng/ul#	94

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