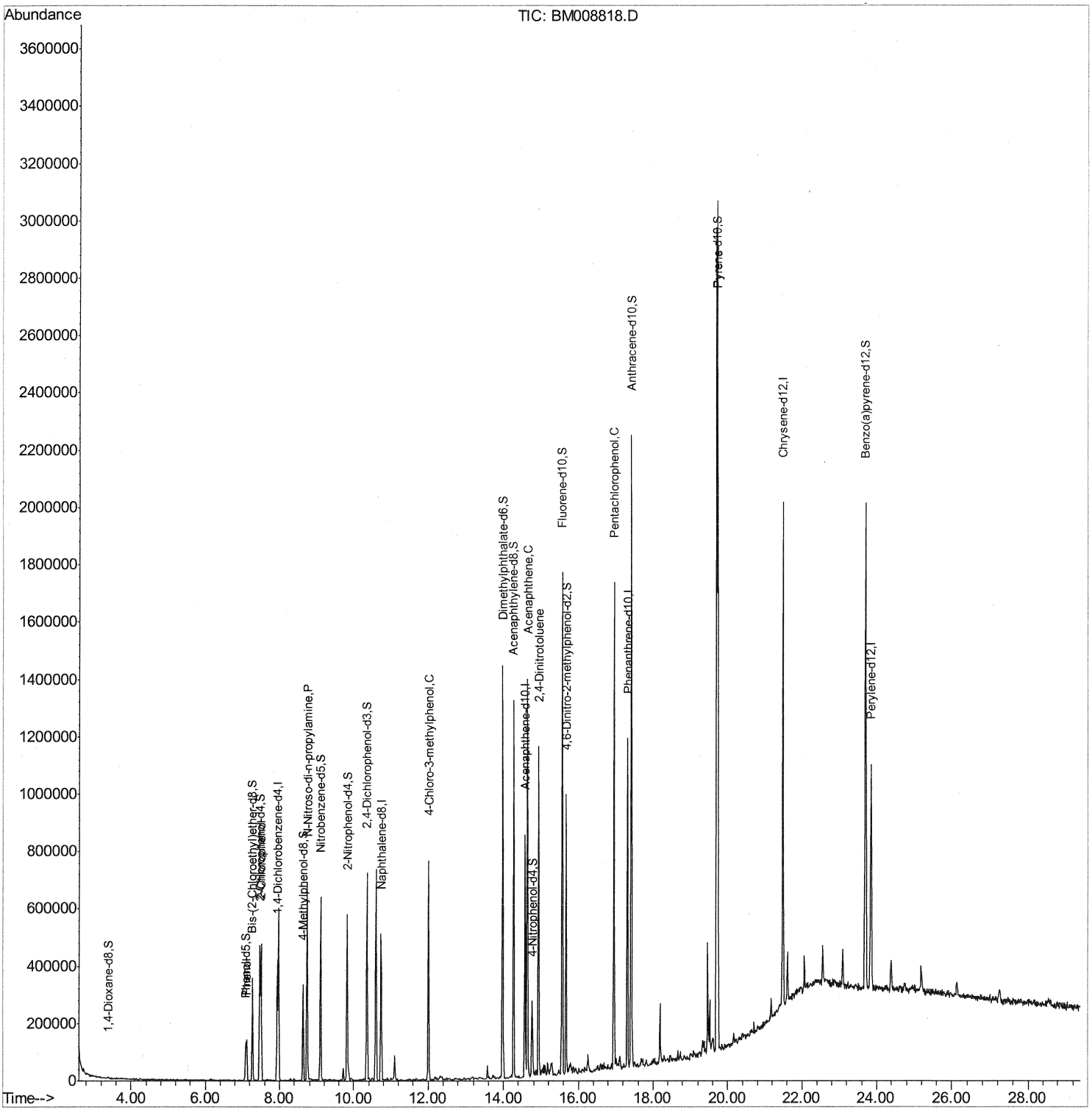
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008818.D
Acq On : 24 Jan 2017 01:07
Operator : UM/SJ
Sample : I1323-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 04:25:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:35 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008818.D
Acq On : 24 Jan 2017 01:07
Operator : UM/SJ
Sample : I1323-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 02:53:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
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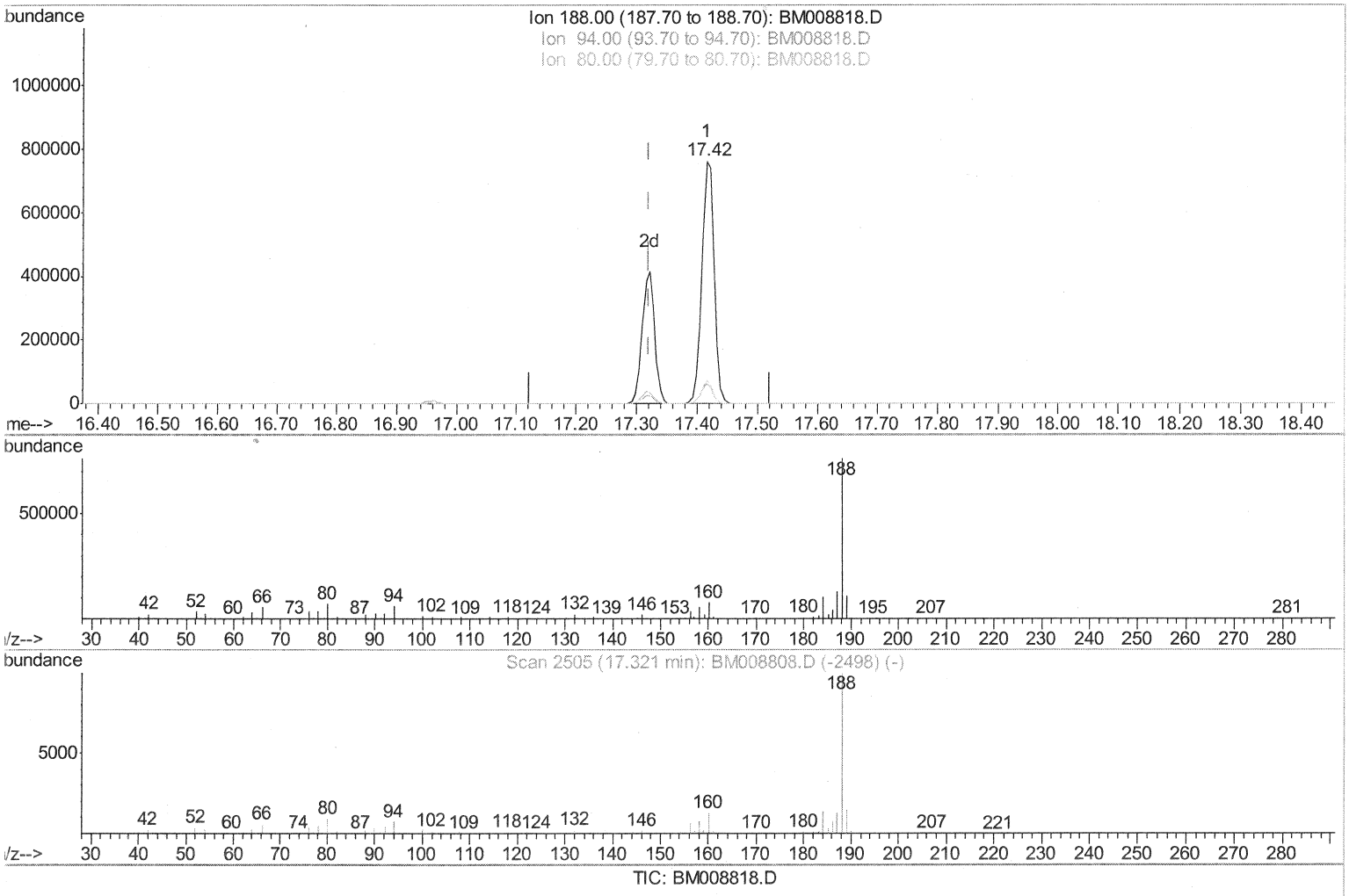

TIC: BM008818.D

(61) Phenanthrene-d10 (I)

17.415min (+0.094) 20.00ng/ul

response 1086301

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	8.10
80.00	9.50	9.61
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
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Sample : I1323-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 02:53:19 2017
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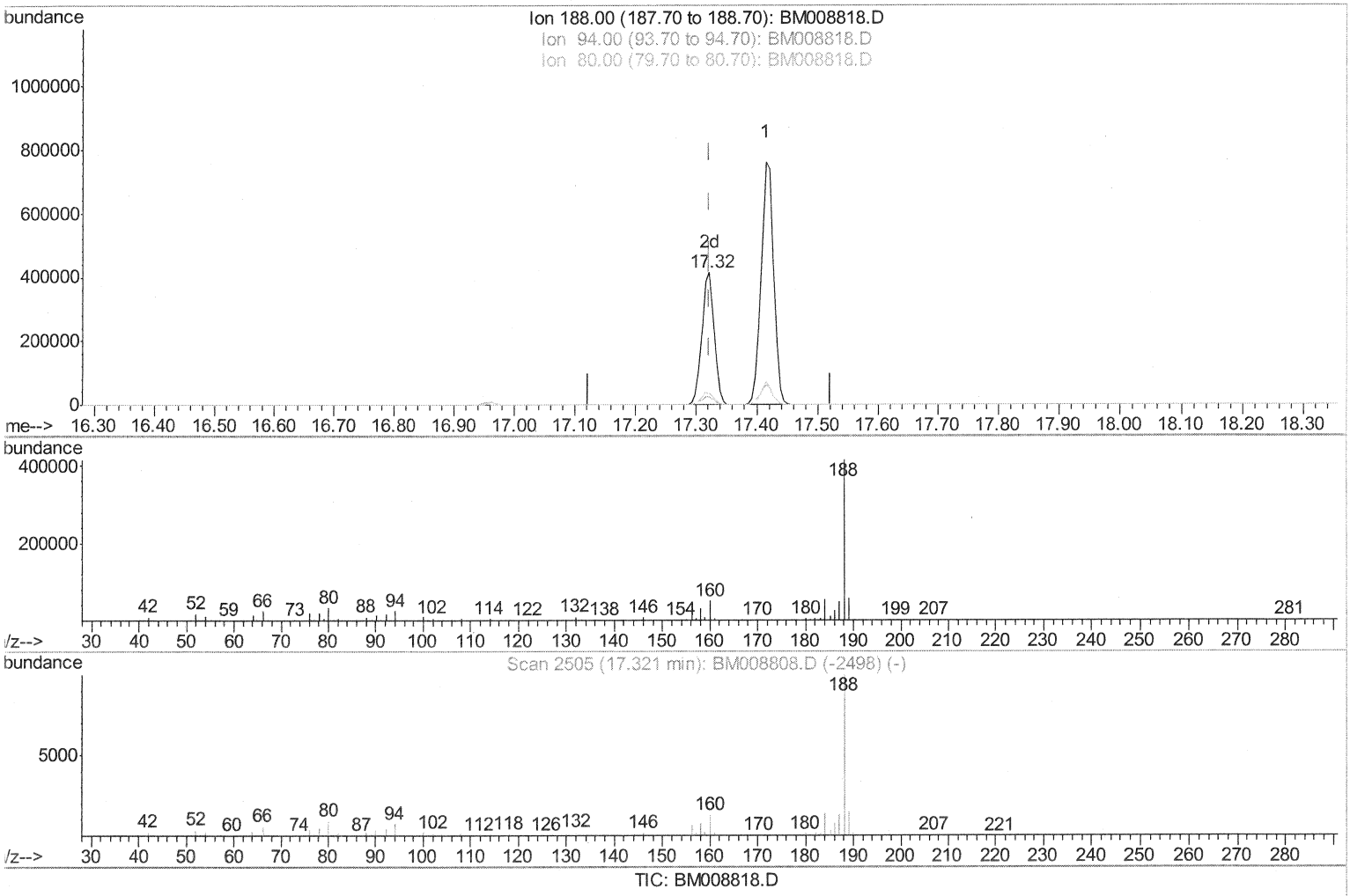
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:35 PM



TIC: BM008818.D

(61) Phenanthrene-d10 (I)

17.321min (-0.000) 20.00ng/ul m SJ 1/27/17

response 590871

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	6.21#
80.00	9.50	8.08
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008818.D
Acq On : 24 Jan 2017 01:07
Operator : UM/SJ
Sample : I1323-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 24 04:06:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
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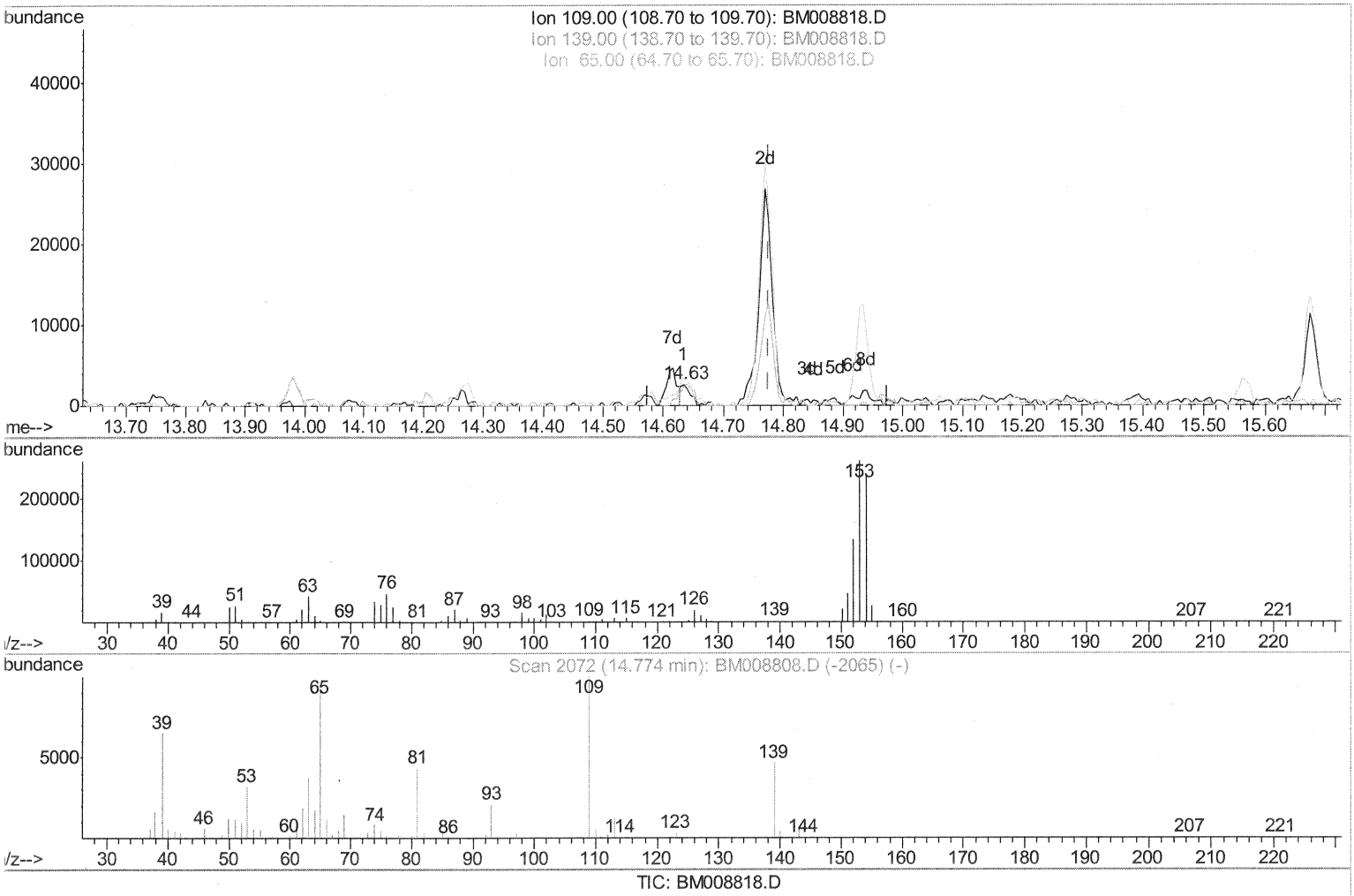


TIC: BM008818.D

(52) 4-Nitrophenol

14.633min (-0.141) 0.48ng/ul

response 2490

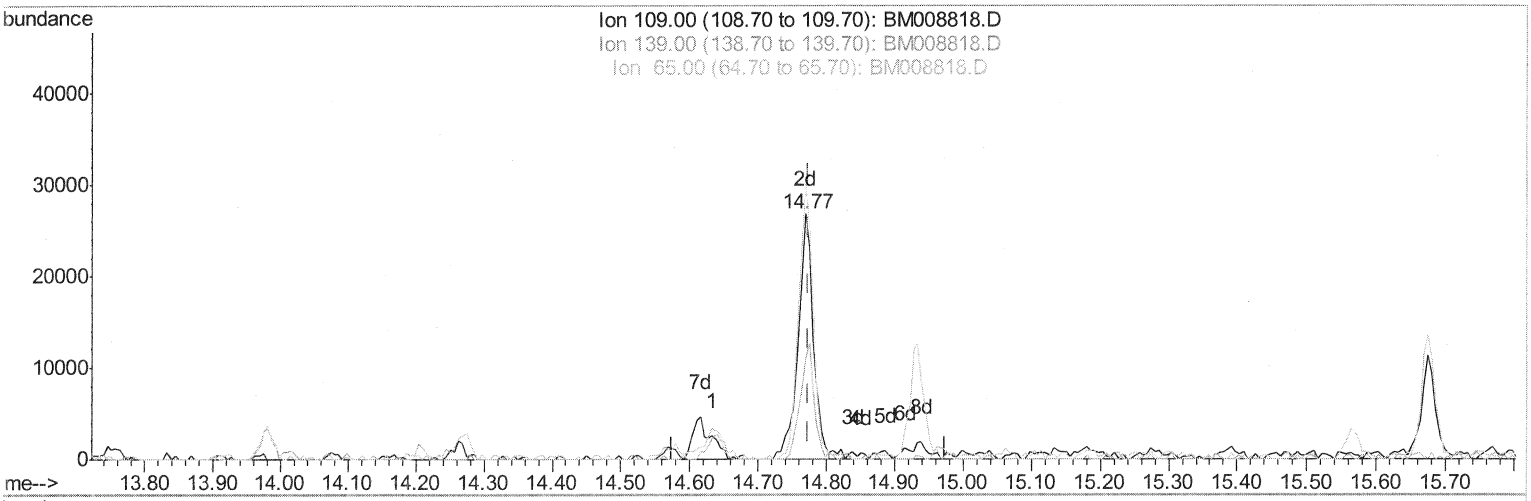
Ion	Exp%	Act%
109.00	100	100
139.00	106.80	90.30
65.00	122.10	131.90
0.00	0.00	0.00

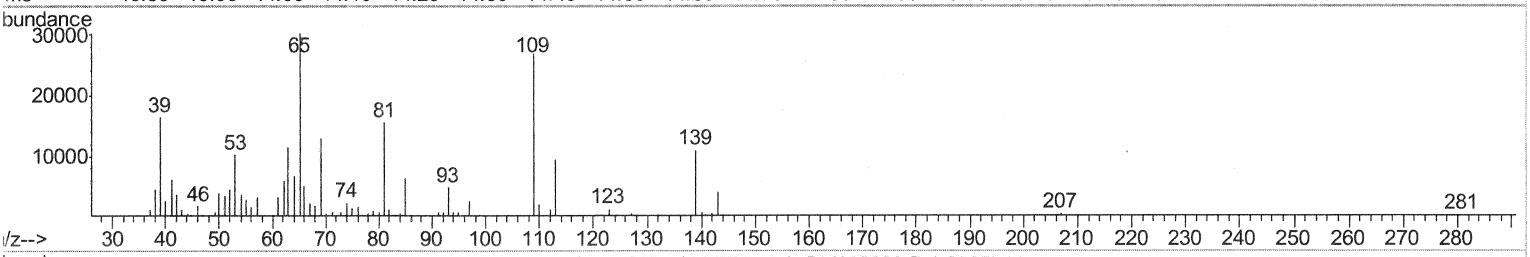
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008818.D
Acq On : 24 Jan 2017 01:07
Operator : UM/SJ
Sample : I1323-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

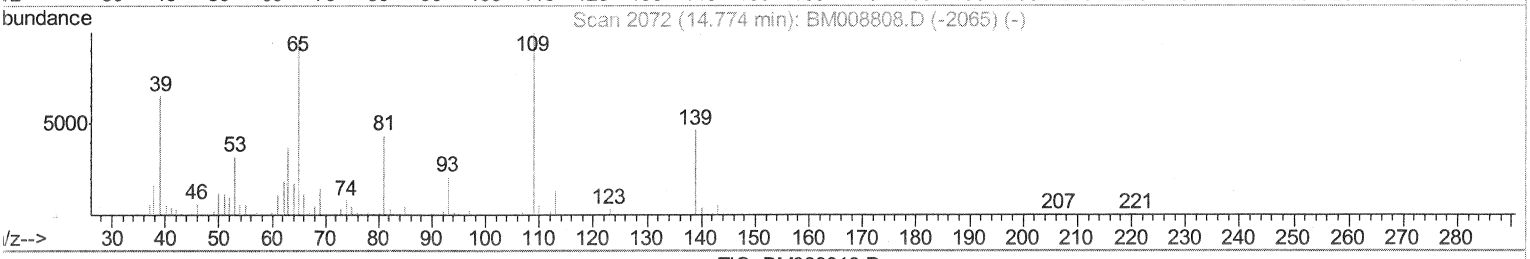
Quant Time: Jan 24 04:06:06 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:35 PM







TIC: BM008818.D

(52) 4-Nitrophenol

14.768min (-0.006) 8.10ng/ul m SJ 1/27/17

response 42025

Ion	Exp%	Act%
109.00	100	100
139.00	106.80	40.84#
65.00	122.10	112.51
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MS

Manual Integrations APPROVED
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1/24/2017 5:17:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	65015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	271072	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	229517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	590871m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	788458	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	595243	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	2053	1.56	ng/uL	0.00
5) Phenol-d5	7.08	99	40754	7.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	159931	36.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	99986	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	75069	17.41	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	65286	37.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	77670	37.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	150342	34.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	417	0.09	ng/ul	-0.01
43) Dimethylphthalate-d6	13.98	166	611138	40.64	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	691450	38.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	16470	6.55	ng/ul	0.00
57) Fluorene-d10	15.57	176	575888	40.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	126246	35.88	ng/ul	0.00
70) Anthracene-d10	17.42	188	1086301	42.04	ng/ul	0.00
76) Pyrene-d10	19.70	212	1411182	40.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1076882	42.72	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	42567	7.09	ng/ul#	48
10) 2-Chlorophenol	7.50	128	99505	26.84	ng/ul#	53
15) N-Nitroso-di-n-propylamine	8.74	70	191224	37.13	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.01	107	174808	31.25	ng/ul#	90
49) Acenaphthene	14.64	153	439663	36.46	ng/ul	95
52) 4-Nitrophenol	14.77	109	42025m	8.10	ng/ul	
54) 2,4-Dinitrotoluene	14.93	165	169974	38.44	ng/ul#	48
68) Pentachlorophenol	16.96	266	221438	48.48	ng/ul	96
77) Pyrene	19.73	202	1639712	38.77	ng/ul#	94

SJ 1/27/17

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