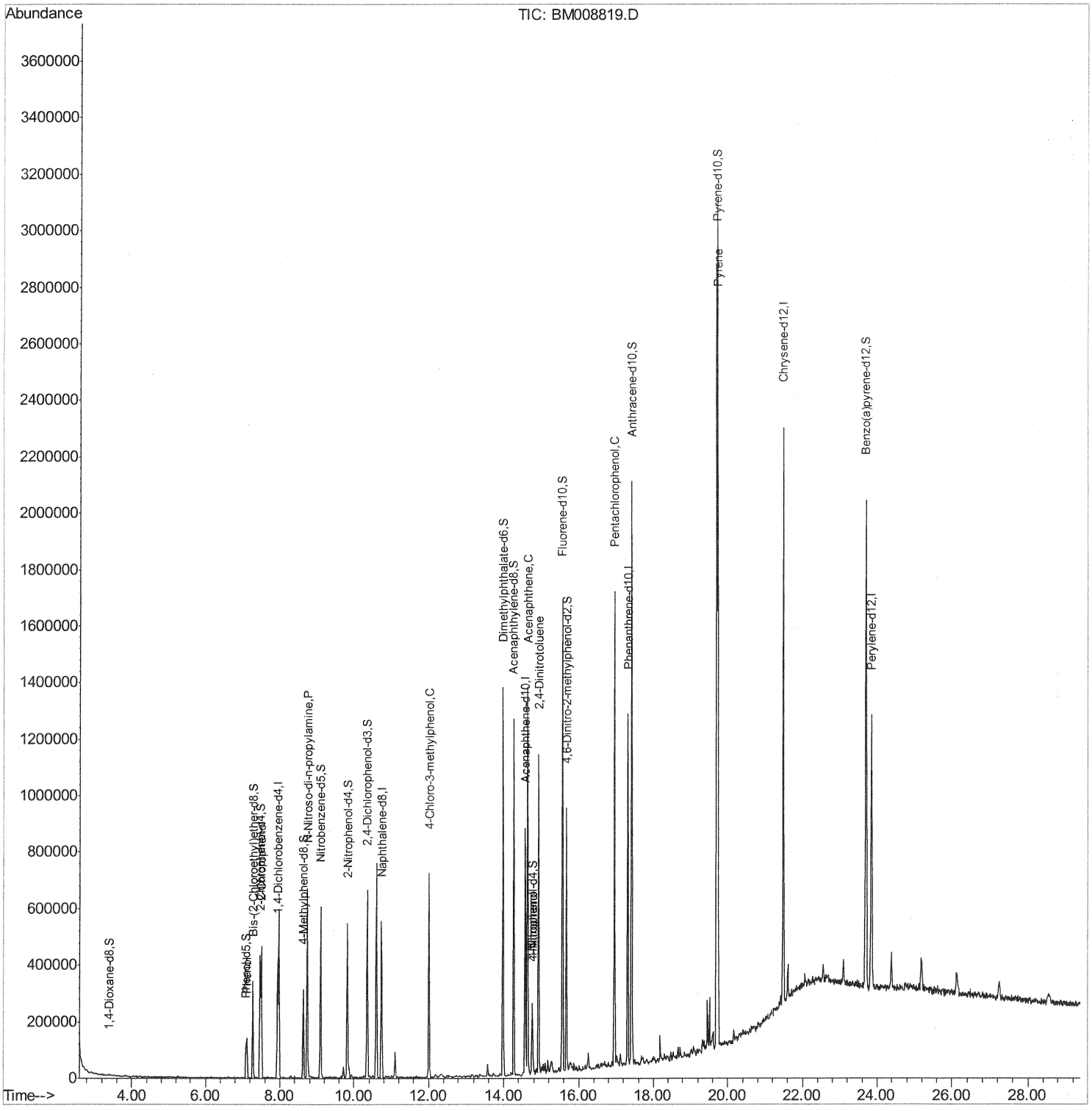
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008819.D
Acq On : 24 Jan 2017 01:43
Operator : UM/SJ
Sample : I1323-16MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 24 04:28:28 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 :
DA9S1MSD

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:38 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008819.D
Acq On : 24 Jan 2017 01:43
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Sample : I1323-16MSD
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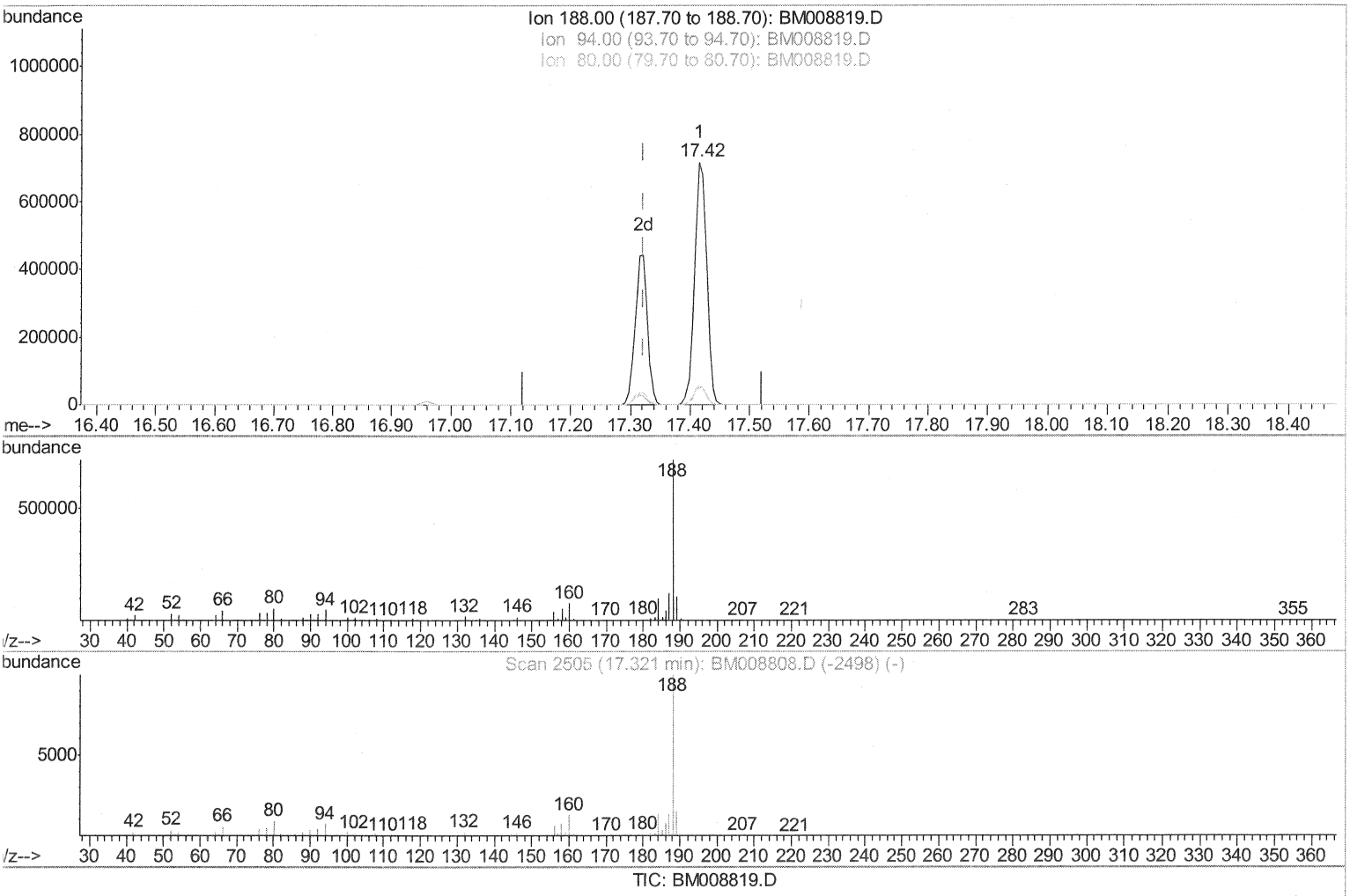
Quant Time: Jan 24 02:53:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 24 02:47:47 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA9S1MSD

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:38 PM



TIC: BM008819.D

(61) Phenanthrene-d10 (I)

17.415min (+0.094) 20.00ng/ul

response 1024904

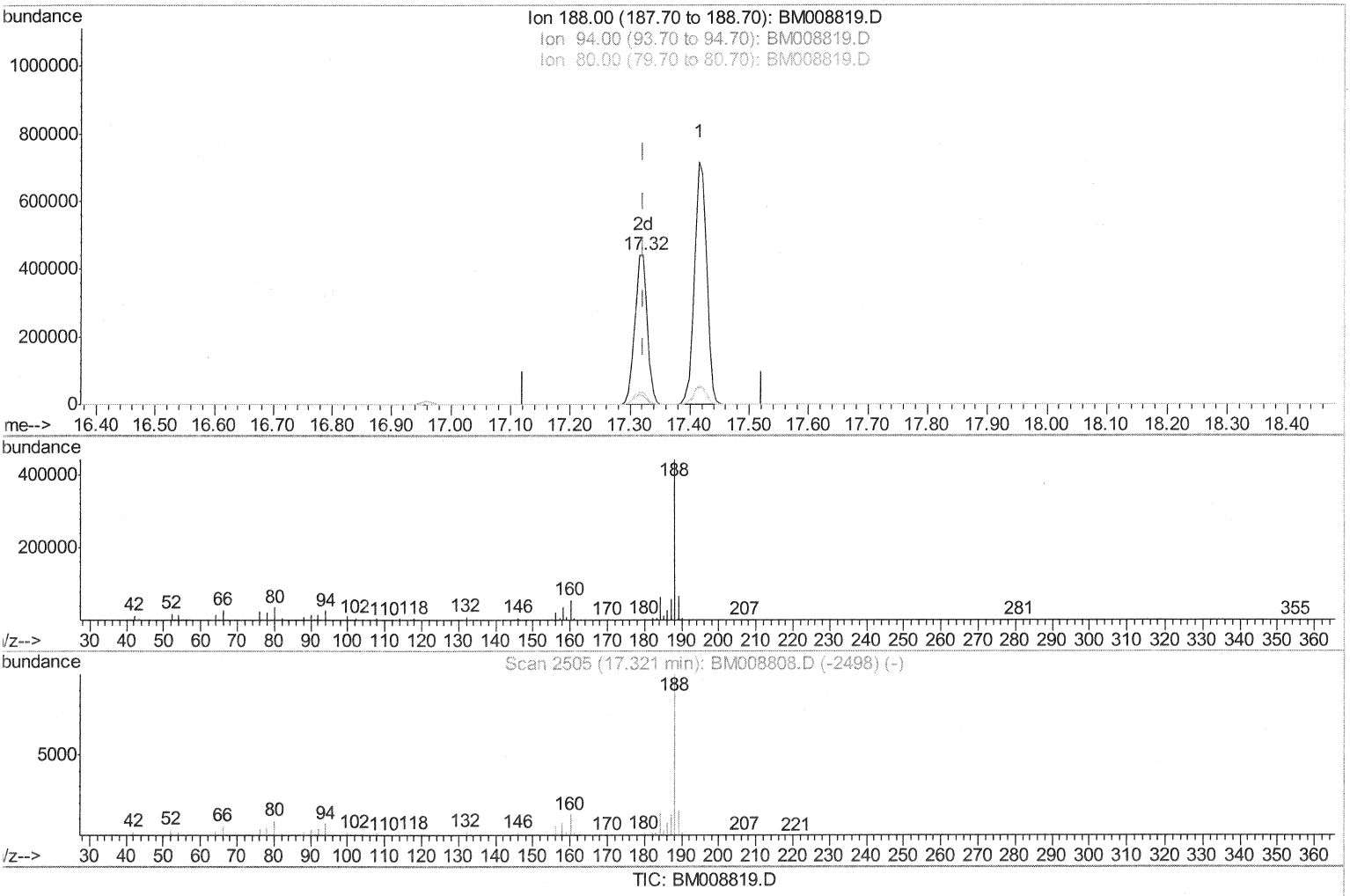
Ion	Exp%	Act%
188.00	100	100
94.00	8.00	6.84
80.00	9.50	7.62
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008819.D
Acq On : 24 Jan 2017 01:43
Operator : UM/SJ
Sample : I1323-16MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 24 02:53:31 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 :
DA9S1MSD

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:38 PM



TIC: BM008819.D

(61) Phenanthrene-d10 (I)

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

response 640488

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	6.07#
80.00	9.50	8.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008819.D
Acq On : 24 Jan 2017 01:43
Operator : UM/SJ
Sample : I1323-16MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 24 04:28:28 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 : DA9S1MSD

Manual Integrations APPROVED
mohammad
1/24/2017 5:17:38 PM

SJ 1/27/17

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	71488	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	294899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	243208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	640488m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	900802	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	717838	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1651	1.14	ng/uL	0.00
5) Phenol-d5	7.09	99	37634	6.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	150886	31.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	98752	25.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	67070	14.15	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	65618	34.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.82	143	76739	33.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	142305	29.80	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.98	166	592397	37.18	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	658577	34.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	16120	6.05	ng/ul	0.00
57) Fluorene-d10	15.57	176	553705	36.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	115713	30.34	ng/ul	0.00
70) Anthracene-d10	17.42	188	1024904	36.59	ng/ul	0.00
76) Pyrene-d10	19.70	212	1338613	33.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1101364	36.23	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	42119	6.38	ng/ul#	52
10) 2-Chlorophenol	7.50	128	99709	24.46	ng/ul#	64
15) N-Nitroso-di-n-propylamine	8.74	70	191561	33.83	ng/ul#	58
33) 4-Chloro-3-methylphenol	12.01	107	171902	28.25	ng/ul#	83
49) Acenaphthene	14.64	153	431386	33.76	ng/ul	100
52) 4-Nitrophenol	14.77	109	43577	7.93	ng/ul#	63
54) 2,4-Dinitrotoluene	14.93	165	166503	35.54	ng/ul#	38
68) Pentachlorophenol	16.96	266	217169	43.86	ng/ul	96
77) Pyrene	19.73	202	1655634	34.27	ng/ul#	93

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