Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007948.D
Acq On : 17 Nov 2016 20:17
Operator : UM/SJ
Sample : H5622-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 18 02:41:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WL6

Manual Integrations APPROVED
umangi
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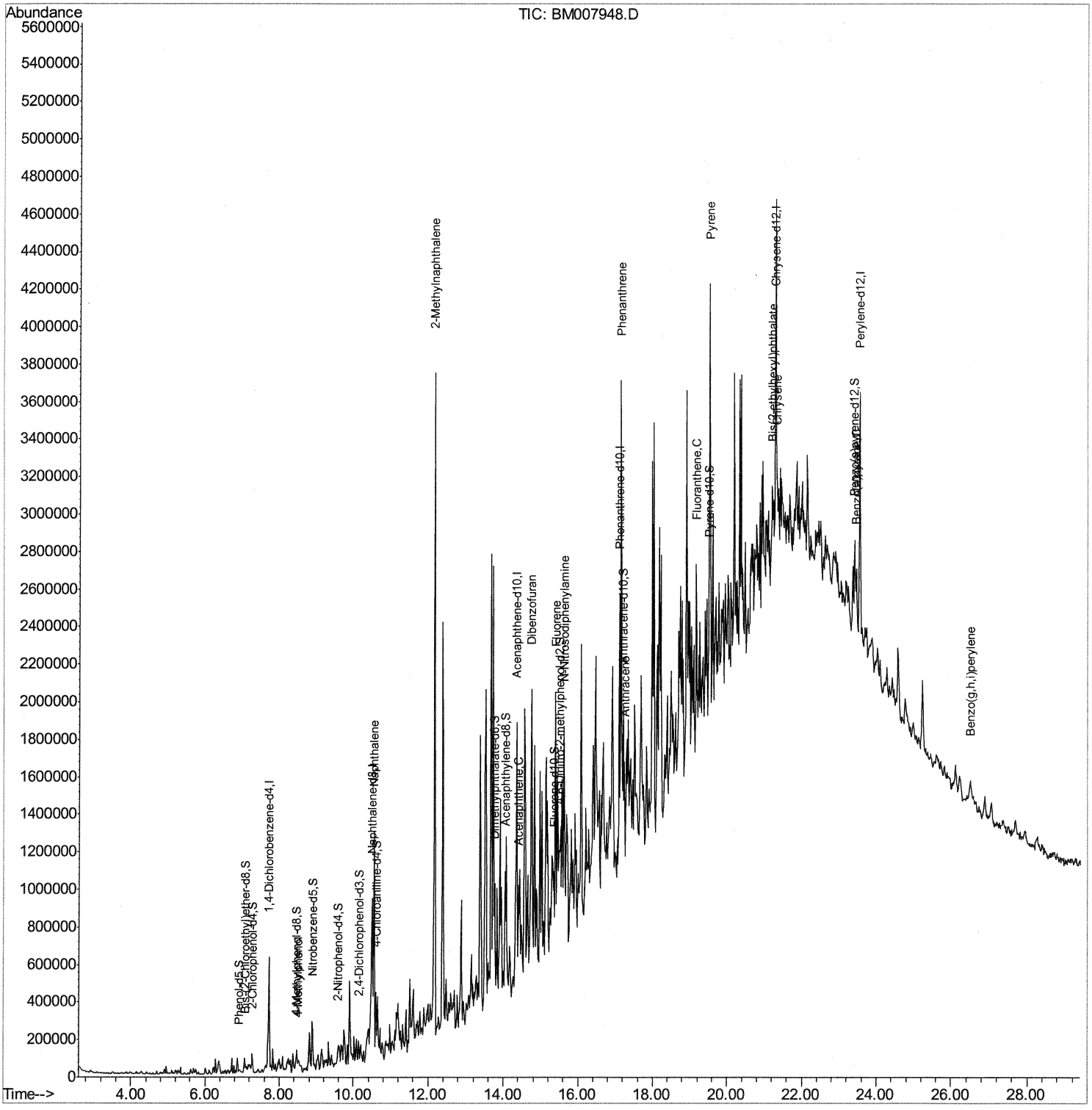

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
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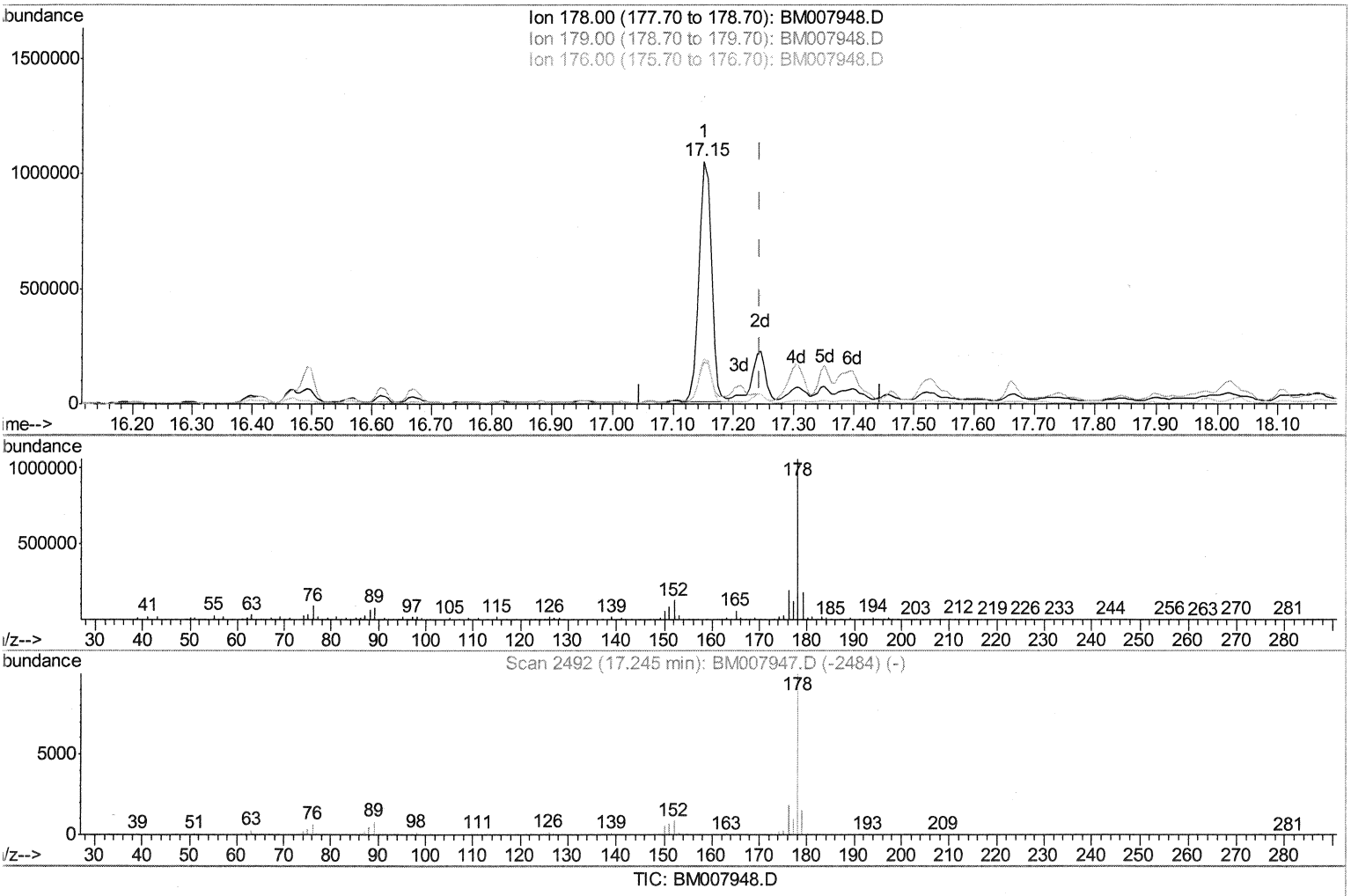
Instrument :
BNA_M
ClientSampleId :
A4WL6

Manual Integrations APPROVED
umangi
11/18/2016 5:23:48 PM



TIC: BM007948.D

(71) Anthracene

17.151min (-0.094) 36.32ng/ul

response 1502855

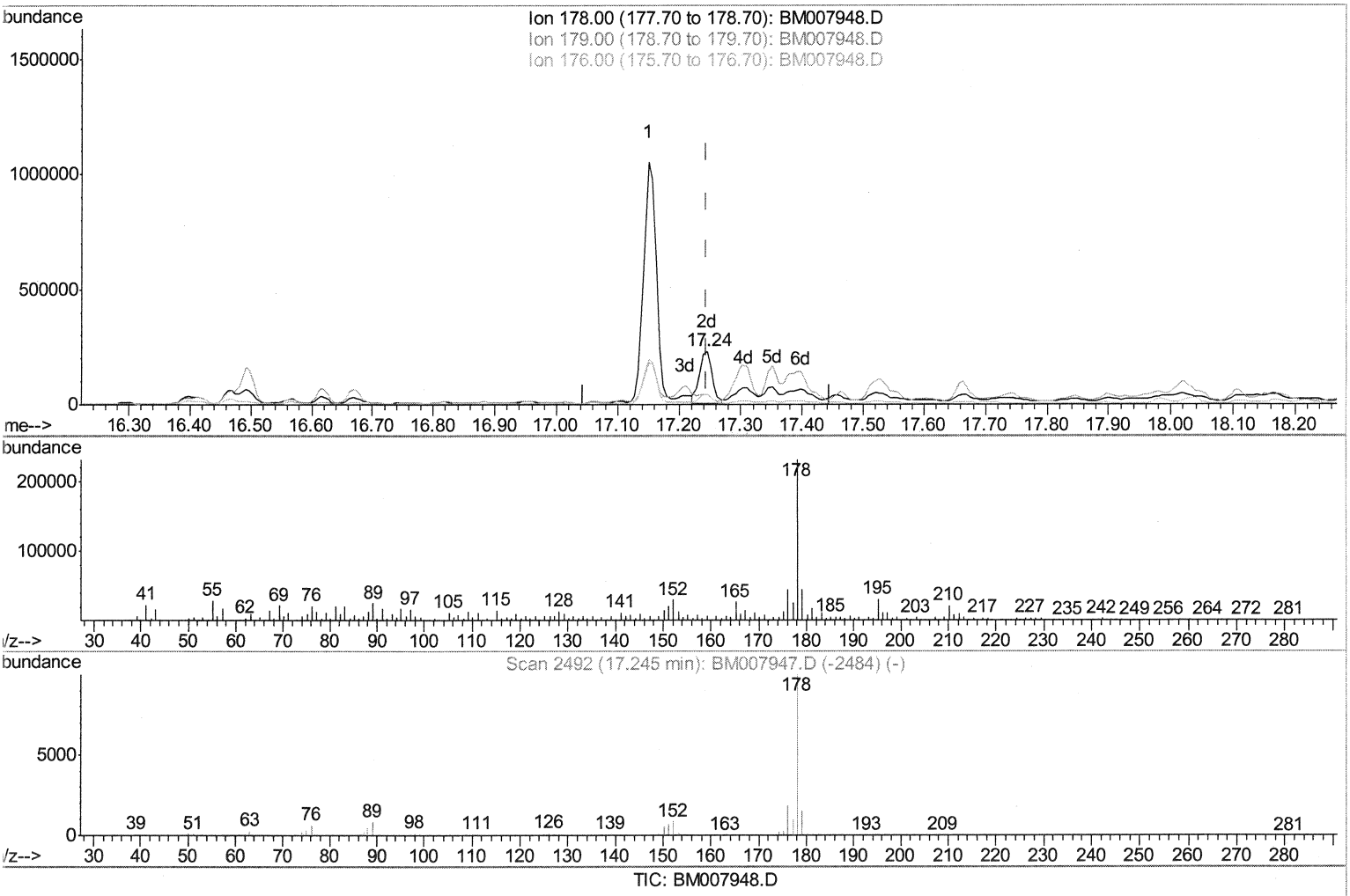
Ion	Exp%	Act%
178.00	100	100
179.00	15.10	17.25
176.00	18.10	18.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007948.D
Acq On : 17 Nov 2016 20:17
Operator : UM/SJ
Sample : H5622-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 18 02:37:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4WL6

Manual Integrations APPROVED
umangi
11/18/2016 5:23:48 PM



(71) Anthracene

17.245min (-0.000) 7.73ng/ul m SJ 11/23/16

response 319699

Ion	Exp%	Act%
178.00	100	100
179.00	15.10	19.43#
176.00	18.10	19.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111716\
Data File : BM007948.D
Acq On : 17 Nov 2016 20:17
Operator : UM/SJ
Sample : H5622-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 18 02:41:35 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 02:32:59 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : A4WL6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	165596	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	619314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	402701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	760391	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	942617	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	1002997	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	716	0.19	ng/uL	0.00
5) Phenol-d5	6.92	99	13748	1.06	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	41133	5.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	40489	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	23501	2.34	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	26796	5.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	23807	4.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	42726	4.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	141339	13.09	ng/ul	-0.04
43) Dimethylphthalate-d6	13.77	166	166160	6.01	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	195464	5.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	2049	0.46	ng/ul	0.01
57) Fluorene-d10	15.36	176	149645	6.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	19688	4.35	ng/ul	0.01
70) Anthracene-d10	17.21	188	224652	6.50	ng/ul	0.00
76) Pyrene-d10	19.50	212	256972	6.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	278849	6.30	ng/ul	0.01
Target Compounds						Qvalue
16) 4-Methylphenol	8.50	108	11946	1.15	ng/ul	95
28) Naphthalene	10.55	128	831776	27.39	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	1648765	76.56	ng/ul	99
49) Acenaphthene	14.42	153	109242	4.69	ng/ul	96
53) Dibenzofuran	14.76	168	89699	2.69	ng/ul#	61
58) Fluorene	15.41	166	250567	9.39	ng/ul#	89
64) N-Nitrosodiphenylamine	15.62	169	184718	8.45	ng/ul#	54
69) Phenanthrene	17.15	178	1502855	36.92	ng/ul	97
71) Anthracene	17.24	178	319699m	7.73	ng/ul	
74) Fluoranthene	19.17	202	231817	4.85	ng/ul#	94
77) Pyrene	19.54	202	1363160	27.90	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	35958	1.38	ng/ul#	71
82) Chrysene	21.34	228	267817	5.50	ng/ul#	62
88) Benzo(a)pyrene	23.45	252	159344	2.93	ng/ul#	67
91) Benzo(g,h,i)perylene	26.51	276	145640	2.66	ng/ul#	84

SJ 11/23/16

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