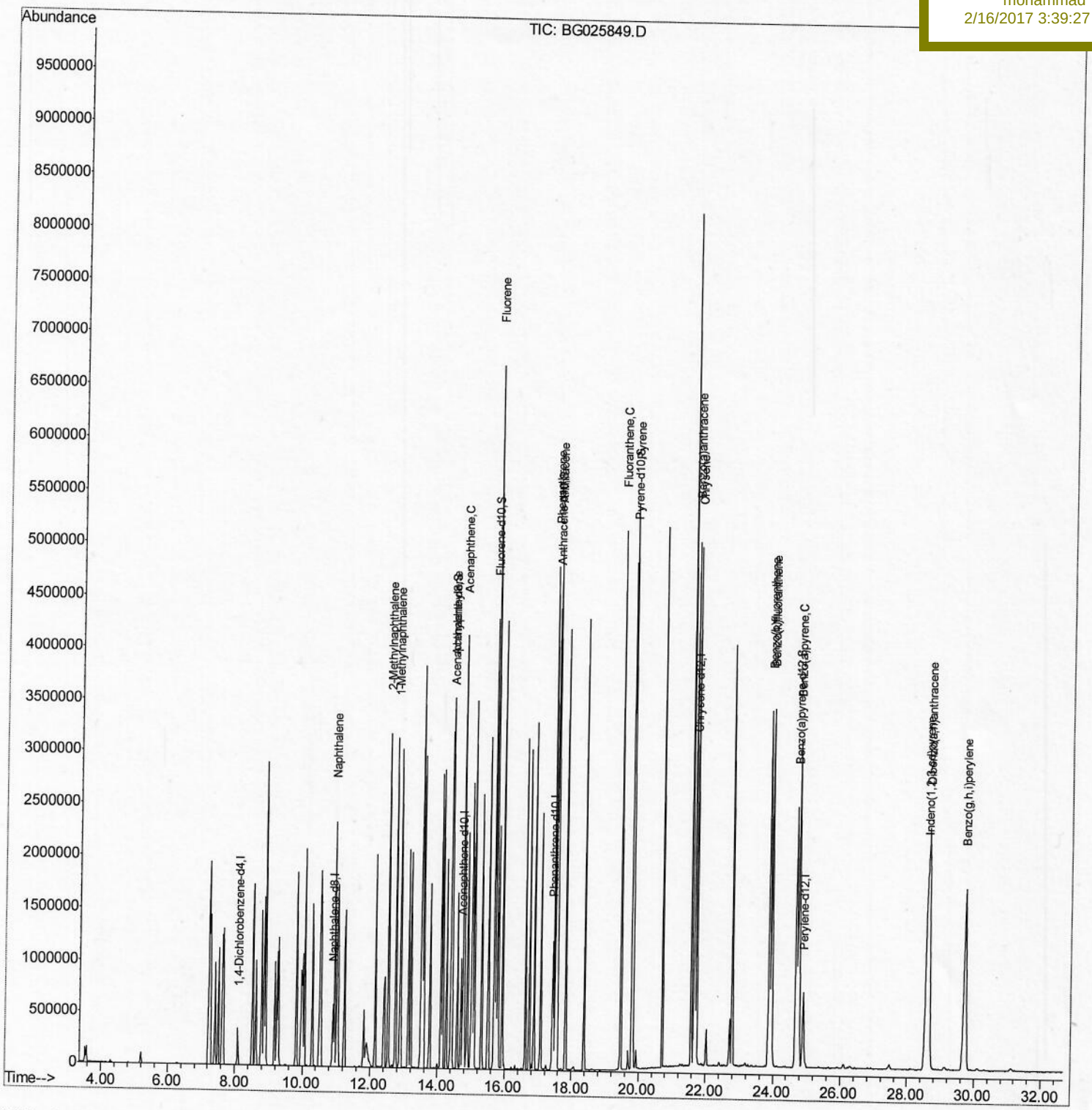
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021617\
Data File : BG025849.D
Acq On : 16 Feb 2017 12:13
Operator : SJ/MA
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 12:53:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 16 11:48:03 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Manual Integrations APPROVED
mohammad
2/16/2017 3:39:27 PM



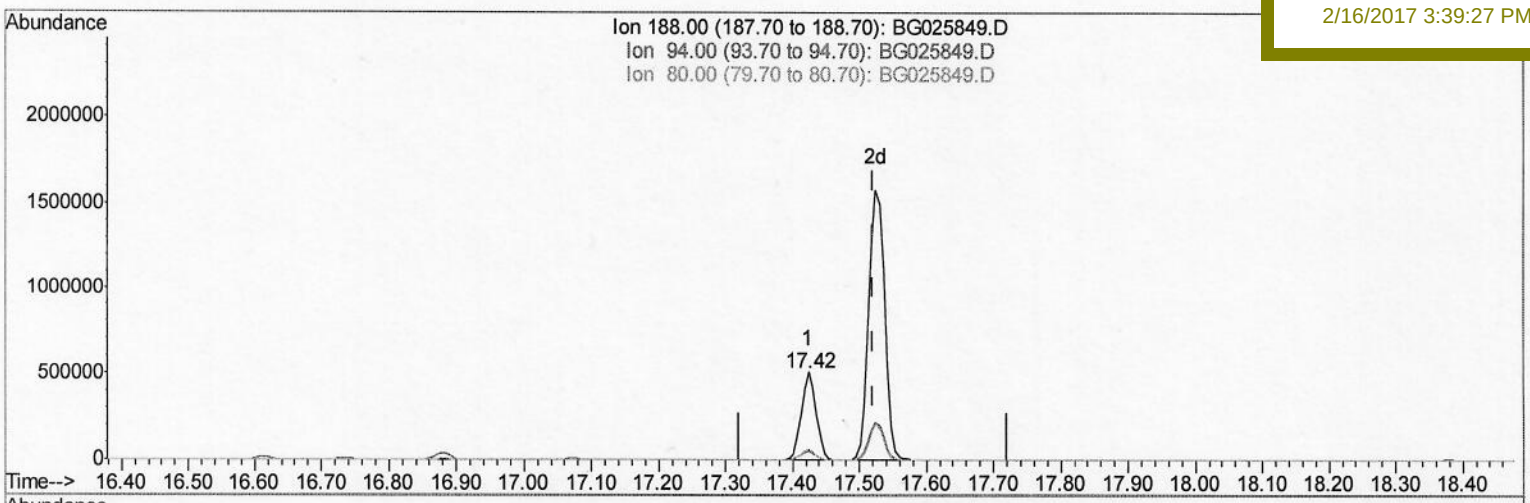
Quantitation Report (Qedit)

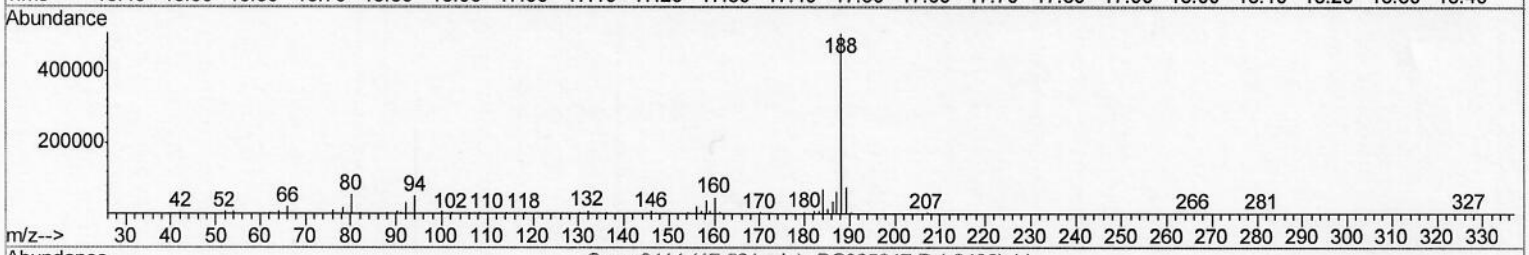
Data Path : Z:\HPCHEM1\BNA_G\Data\BG021617\
Data File : BG025849.D
Acq On : 16 Feb 2017 12:13
Operator : SJ/MA
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

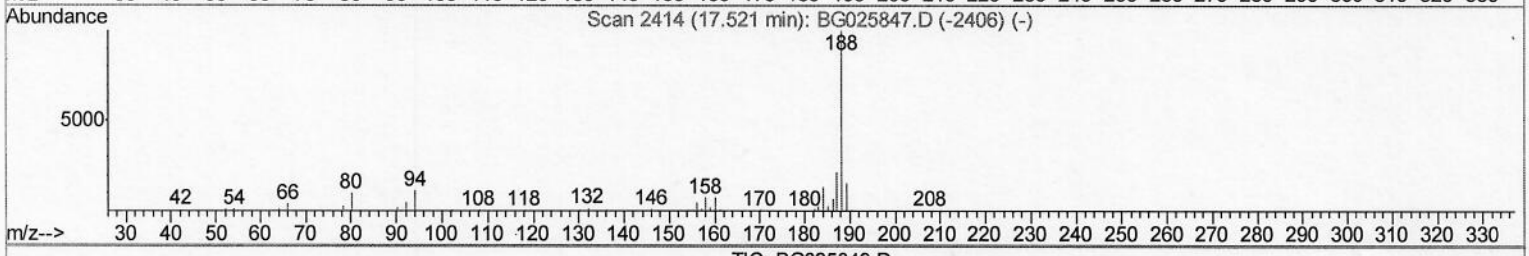
Quant Time: Feb 16 12:52:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 16 11:48:03 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Manual Integrations APPROVED
mohammad
2/16/2017 3:39:27 PM







TIC: BG025849.D

(14) Anthracene-d10 (S)

17.424min (-0.096) 20.29ng/ul

response 771585

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	10.13
80.00	11.80	10.95
0.00	0.00	0.00

Quantitation Report (Qedit)

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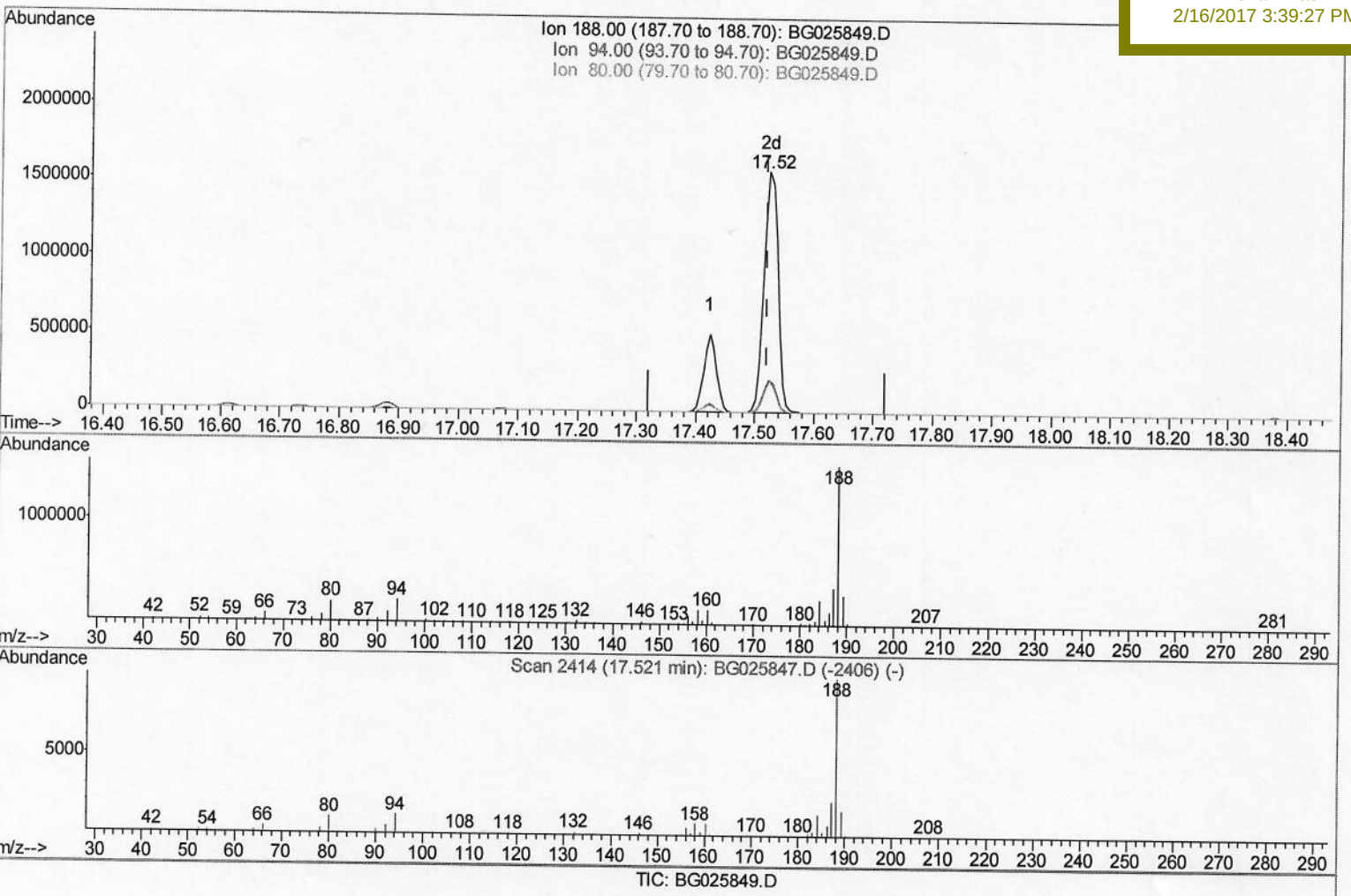
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08019

Manual Integrations APPROVED
mohammad
2/16/2017 3:39:27 PM



TIC: BG025849.D

(14) Anthracene-d10 (S)

17.524min (+0.003) 68.87ng/ul m

response 2619304

SJ
02/23/2017

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.67#
80.00	11.80	12.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG021617\
Data File : BG025849.D
Acq On : 16 Feb 2017 12:13
Operator : SJ/MA
Sample : SSTD08019
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 16 12:53:35 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 16 11:48:03 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD08019

Manual Integrations APPROVED
mohammad
2/16/2017 3:39:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	102855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	534177	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	380044	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	771585	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	743201	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	736263	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.39	160	2469117	62.26	ng/ul	0.00
10) Fluorene-d10	15.68	176	1849755	66.43	ng/ul	0.00
14) Anthracene-d10	17.52	188	2619304m	68.87	ng/ul	0.00
18) Pyrene-d10	19.80	212	2645688	71.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.69	264	2651781	67.68	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.94	128	2041256	68.73	ng/ul	97
4) 2-Methylnaphthalene	12.54	142	1598624	74.66	ng/ul	97
5) 1-Methylnaphthalene	12.75	142	1562796	77.74	ng/ul#	93
8) Acenaphthylene	14.42	152	2457821	59.84	ng/ul	94
9) Acenaphthene	14.76	153	1783517	63.43	ng/ul	95
11) Fluorene	15.74	166	1982042	59.22	ng/ul	96
13) Phenanthrene	17.47	178	3001341	65.49	ng/ul#	91
15) Anthracene	17.56	178	3016540	64.80	ng/ul#	89
16) Fluoranthene	19.47	202	3155619	58.59	ng/ul#	94
19) Pyrene	19.83	202	3119442	63.26	ng/ul#	86
20) Benzo(a)anthracene	21.66	228	3108416	65.15	ng/ul#	89
21) Chrysene	21.73	228	2964671	66.60	ng/ul	92
23) Benzo(b)fluoranthene	23.88	252	3245133	64.75	ng/ul#	95
24) Benzo(k)fluoranthene	23.95	252	3232166	66.49	ng/ul#	95
26) Benzo(a)pyrene	24.76	252	3228369	66.58	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.58	276	3943138	74.50	ng/ul#	92
28) Dibenzo(a,h)anthracene	28.65	278	3208251	70.51	ng/ul#	96
29) Benzo(g,h,i)perylene	29.73	276	3230956	81.33	ng/ul#	92

SJ 02/23/2017

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