

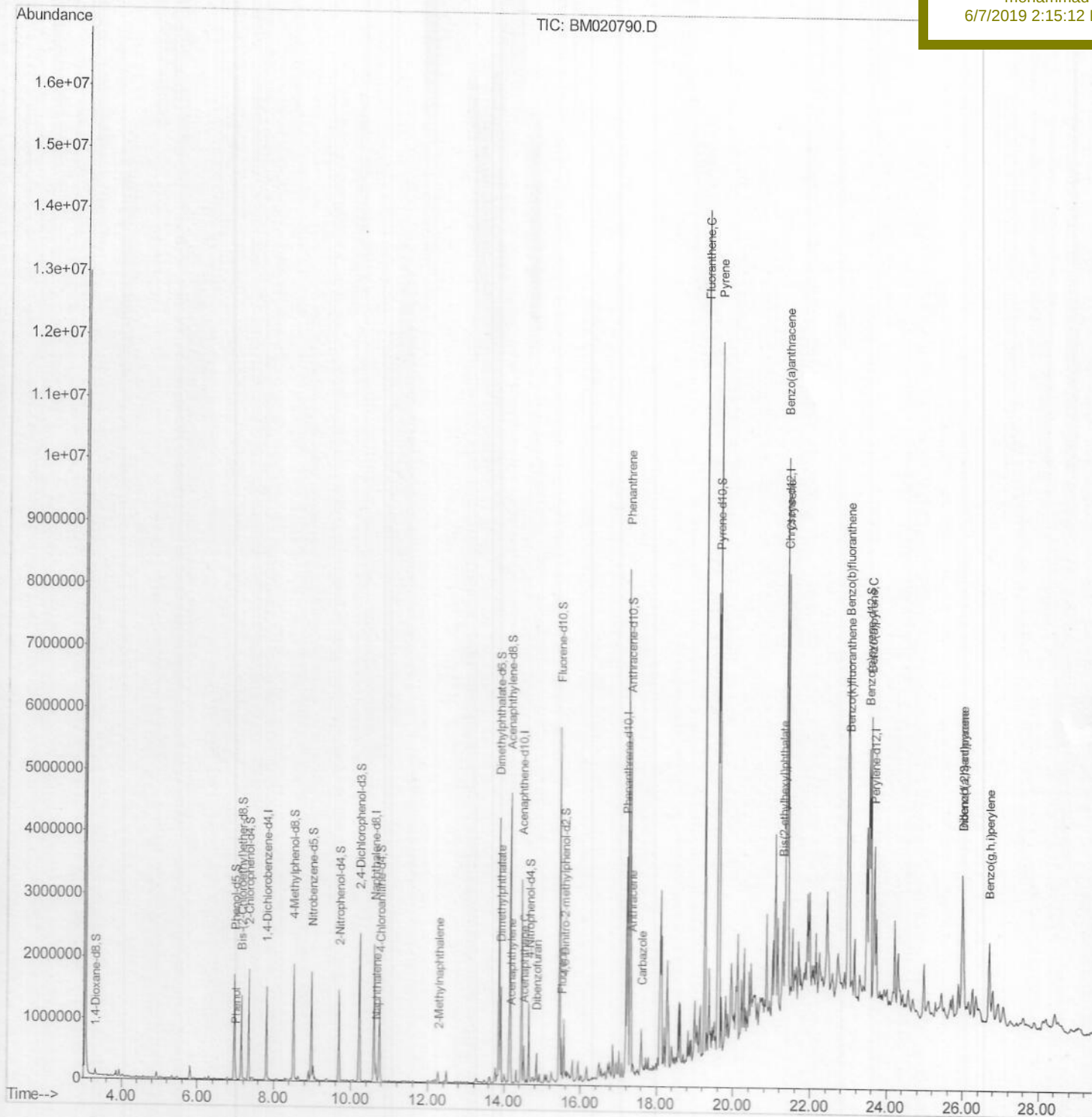
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 07 08:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations APPROVED

mohammad
6/7/2019 2:15:12 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\

Data File : BM020790.D

Acq On : 07 Jun 2019 07:14

Operator : HP/JU

Sample : K3201-16

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 16 01:34:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Jun 16 01:09:52 2019

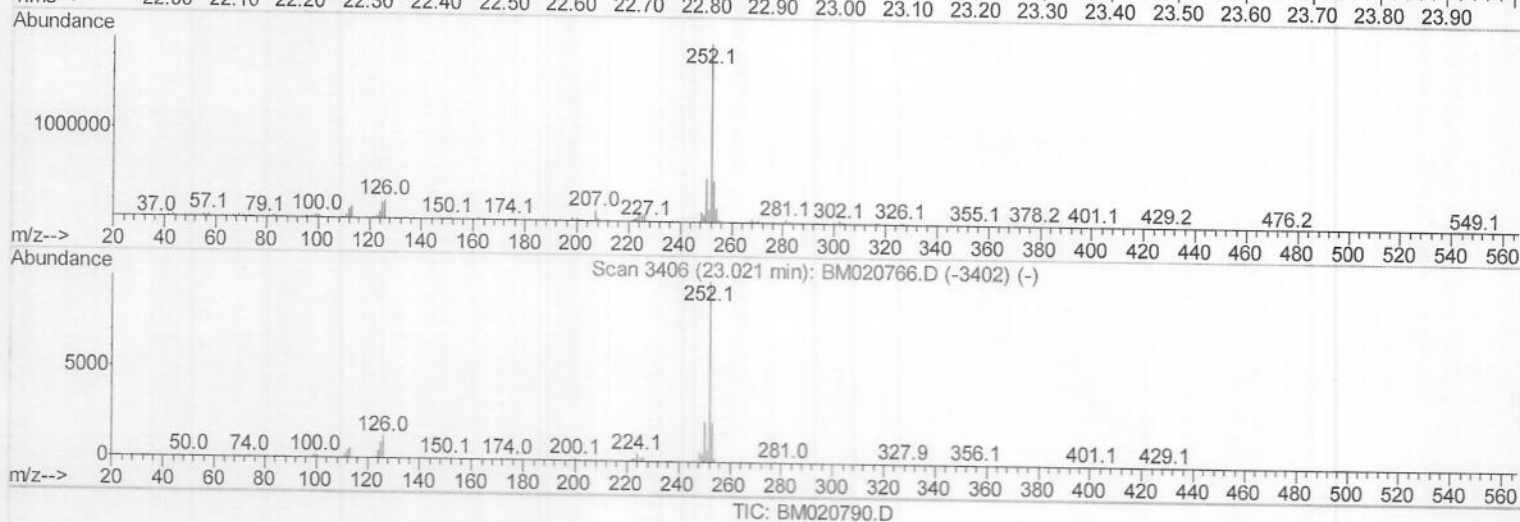
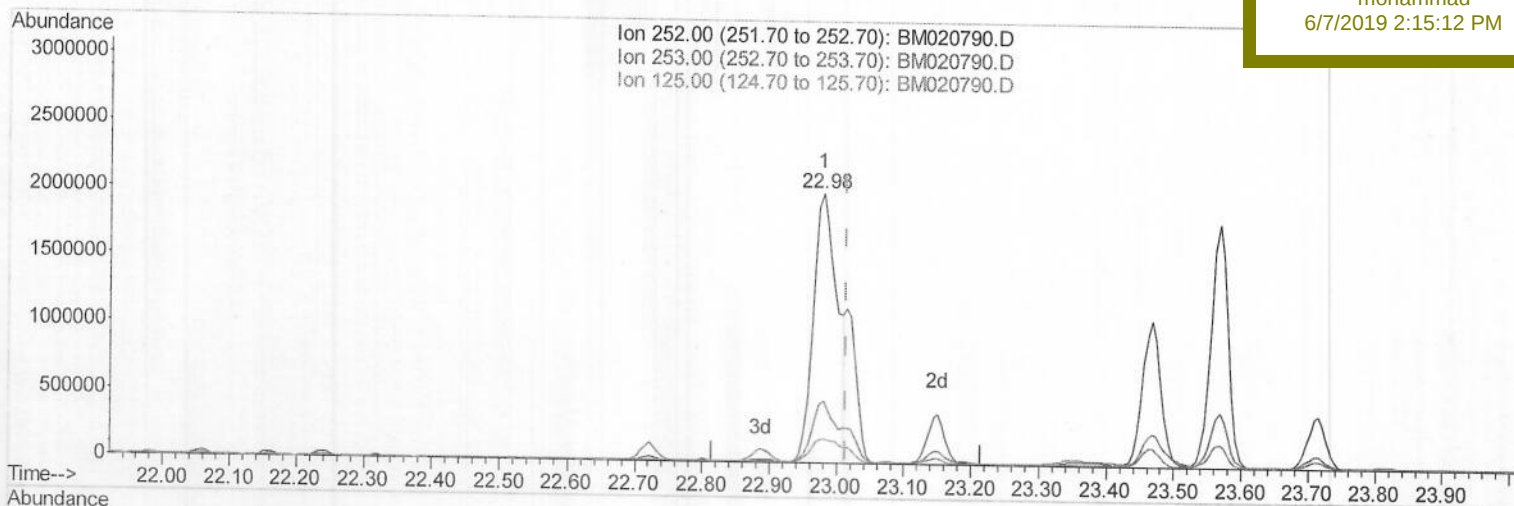
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

C0AC7

Manual Integrations
APPROVEDmohammad
6/7/2019 2:15:12 PM

(88) Benzo(k)fluoranthene

22.980min (-0.035) 47.90ng/ul

response 4826500

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.99
125.00	9.10	9.25
0.00	0.00	0.00

Quantitation Report (Qedit)

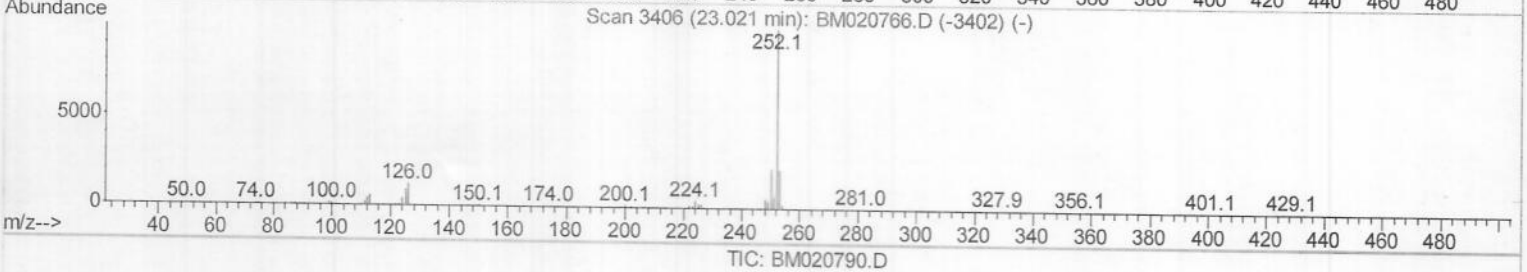
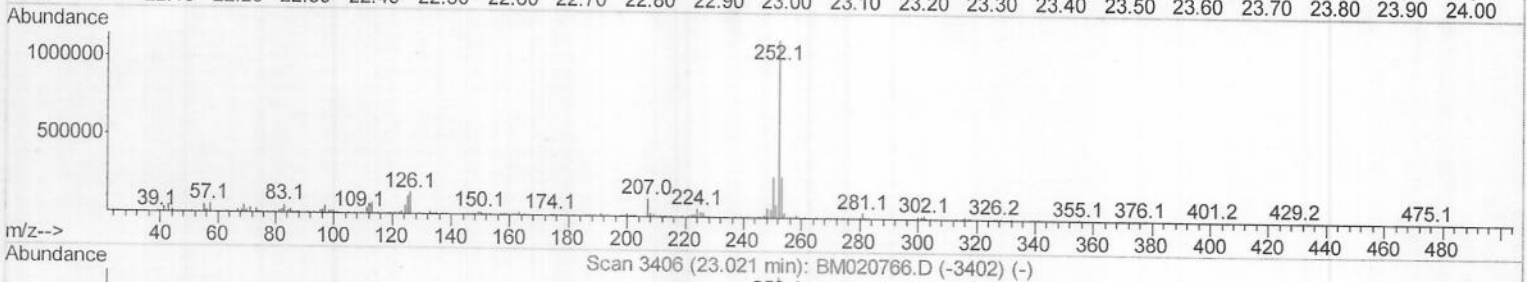
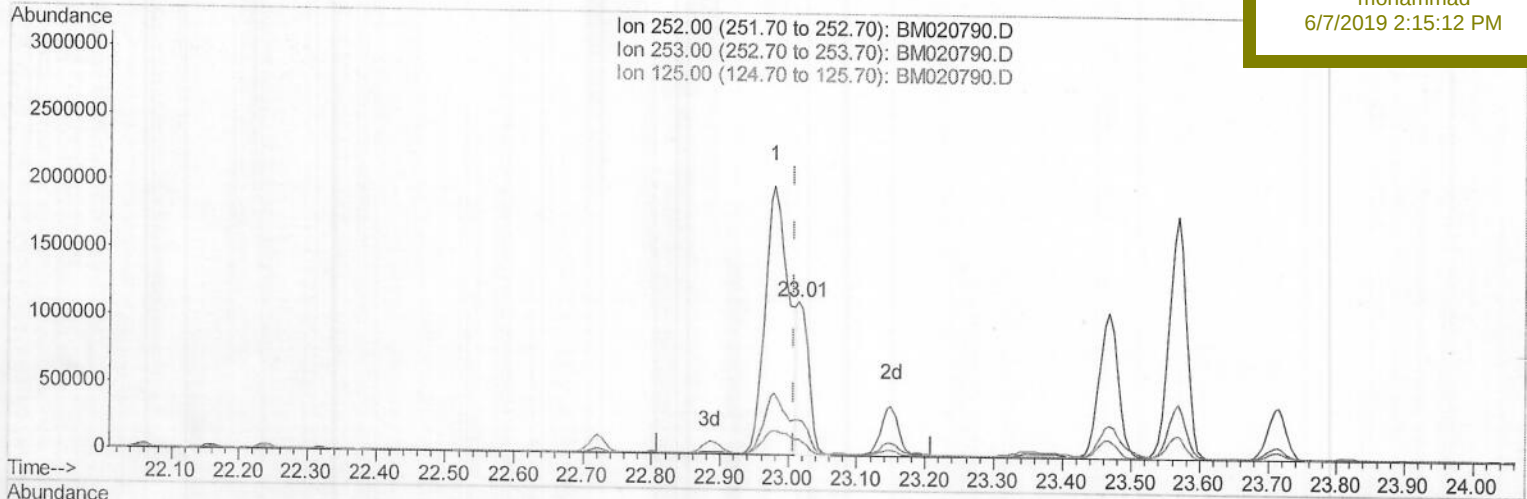
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020790.D
 Acq On : 07 Jun 2019 07:14
 Operator : HP/JU
 Sample : K3201-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 07 08:19:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 06:35:27 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 C0AC7

Manual Integrations
 APPROVED

mohammad
 6/7/2019 2:15:12 PM



(88) Benzo(k)fluoranthene

23.015min (+0.006) 13.23ng/ul m

response 1333433

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.40
125.00	9.10	9.99
0.00	0.00	0.00

JU
 06/07/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\

Data File : BM020790.D

Acq On : 07 Jun 2019 07:14

Operator : HP/JU

Sample : K3201-16

Misc :

ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 07 08:19:20 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Jun 07 06:35:27 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

C0AC7

Manual Integrations

APPROVED

mohammad

6/7/2019 2:15:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	413765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1812728	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	1048497	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	2006374	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1634962	20.00	ng/ul	0.01
85) Perylene-d12	23.66	264	1812027	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	44874	5.17	ng/ul	0.00
5) Phenol-d5	6.97	99	951136	30.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	607719	32.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	825362	32.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	707127	27.76	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	428297	34.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	487774	38.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	902734	33.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	765309	23.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2811983	36.26	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	3343293	34.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	295292	22.19	ng/ul	0.00
57) Fluorene-d10	15.44	176	2163909	32.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	225381	21.97	ng/ul	0.00
70) Anthracene-d10	17.30	188	2991969	34.14	ng/ul	0.00
78) Pyrene-d10	19.59	212	2773687	35.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.52	264	2733972	33.20	ng/ul	0.02

Target Compounds

						Ovalue
6) Phenol	7.00	94	57437	1.762	ng/ul	96
28) Naphthalene	10.65	128	241552	2.837	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	83144	1.330	ng/ul	95
44) Dimethylphthalate	13.91	163	976253	12.571	ng/ul	100
47) Acenaphthylene	14.17	152	263818	2.773	ng/ul	98
49) Acenaphthene	14.52	153	244662	3.684	ng/ul	100
53) Dibenzofuran	14.85	168	225974	2.405	ng/ul	98
58) Fluorene	15.50	166	289329	3.836	ng/ul	97
69) Phenanthrene	17.24	178	4884276	48.371	ng/ul	99
71) Anthracene	17.33	178	1005202	9.712	ng/ul	99
74) Carbazole	17.60	167	429717	4.774	ng/ul	99
76) Fluoranthene	19.26	202	7808630	67.481	ng/ul	99
79) Pyrene	19.62	202	6928379	68.650	ng/ul	98
82) Benzo(a)anthracene	21.36	228	3718663	36.461	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.29	149	508174	7.325	ng/ul	100
84) Chrysene	21.41	228	3669350	38.772	ng/ul	97
87) Benzo(b)fluoranthene	22.98	252	4826500	45.787	ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	1333433m	13.234	ng/ul	97
90) Benzo(a)pyrene	23.57	252	3177532	31.685	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.98	276	2106635	17.785	ng/ul	96
92) Dibenzo(a,h)anthracene	25.98	278	598224	5.961	ng/ul#	91
93) Benzo(a,h,i)perylene	26.69	276	1607306	16.726	ng/ul	98

JU
06/07/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020790.D
Acq On : 07 Jun 2019 07:14
Operator : HP/JU
Sample : K3201-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 07 08:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
--------------------	------	------	----------	------	-------	-----------

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

Instrument :
BNA_M
ClientSampleId :
C0AC7

Manual Integrations
APPROVED

mohammad
6/7/2019 2:15:12 PM