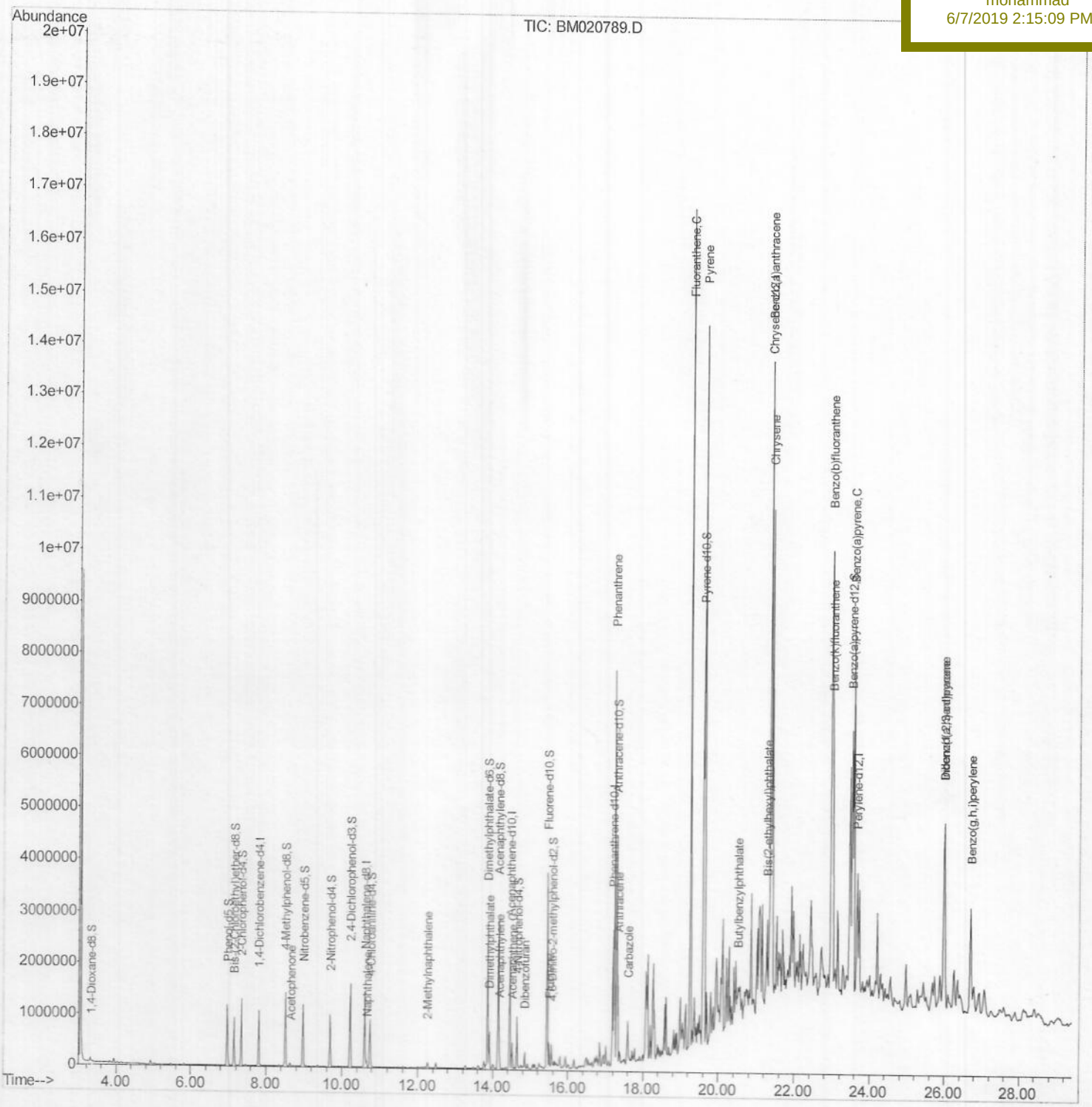
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020789.D
Acq On : 07 Jun 2019 06:38
Operator : HP/JU
Sample : K3201-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 07 08:05:59 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 :
C0AB9

Manual Integrations APPROVED
mohammad
6/7/2019 2:15:09 PM



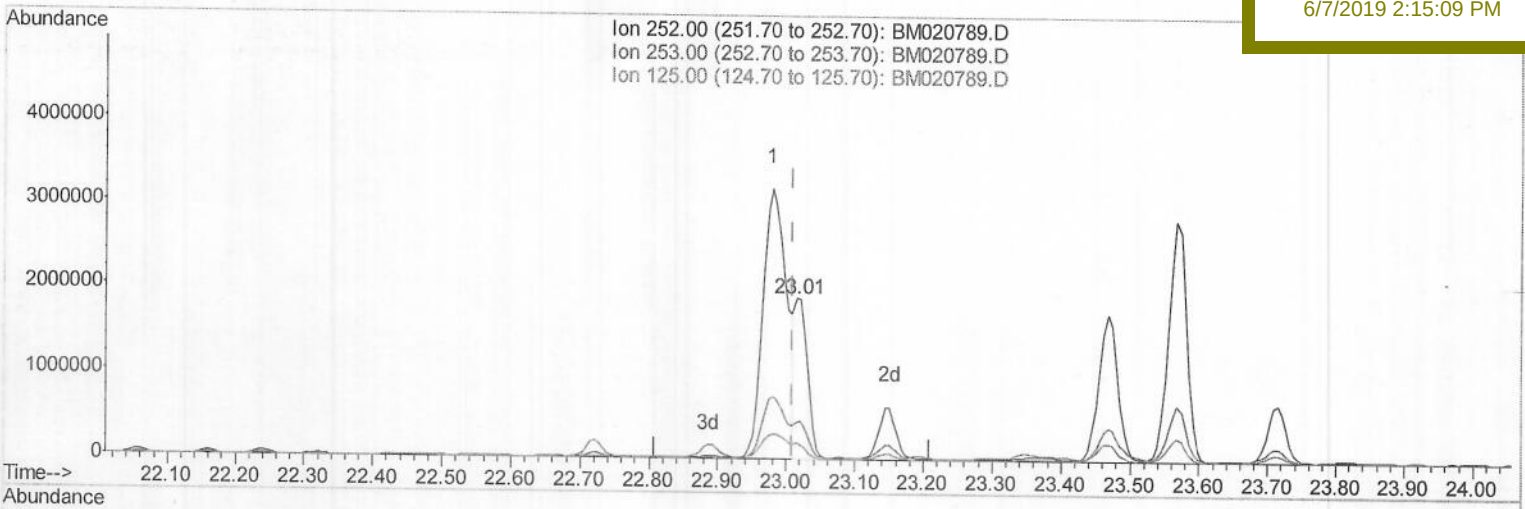
Quantitation Report (Qedit)

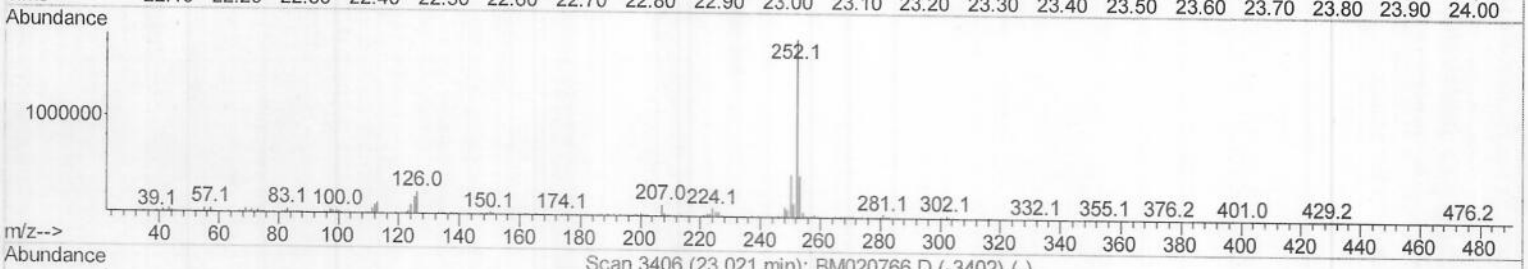
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020789.D
Acq On : 07 Jun 2019 06:38
Operator : HP/JU
Sample : K3201-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

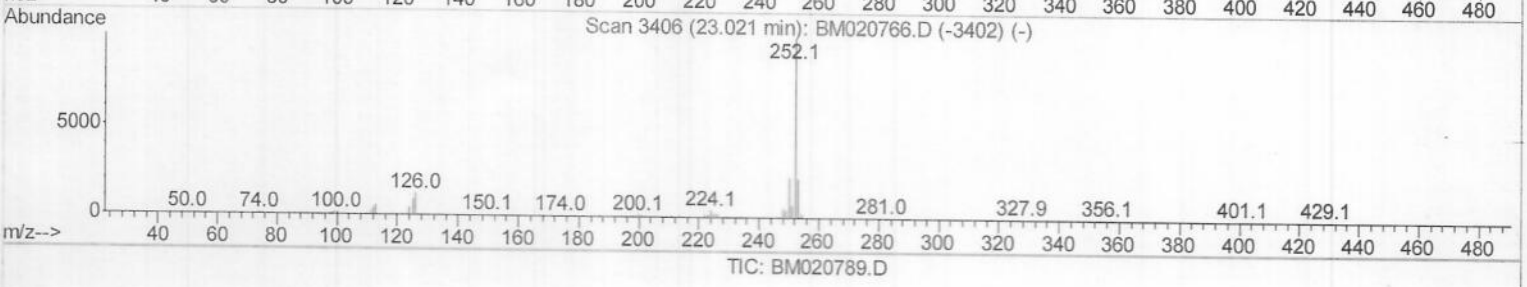
Quant Time: Jun 07 08:05:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
6/7/2019 2:15:09 PM







TIC: BM020789.D

(88) Benzo(k)fluoranthene

23.015min (+0.006) 23.67ng/ul m

response 2329523

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.46
125.00	9.10	9.94
0.00	0.00	0.00

JU 06/07/19

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020789.D
Acq On : 07 Jun 2019 06:38
Operator : HP/JU
Sample : K3201-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 07 08:05:59 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 : C0AB9

Manual Integrations APPROVED
mohammad
6/7/2019 2:15:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	290358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1183273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	679332	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1539773	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1511651	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1769759	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	37938	6.23	ng/uL	0.00
5) Phenol-d5	6.97	99	628445	28.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	417445	31.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	579175	32.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	510349	28.55	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	294943	36.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	328902	39.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	588010	33.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	513075	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1839787	36.61	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2069647	32.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	228643	26.52	ng/ul	0.00
57) Fluorene-d10	15.44	176	1482555	34.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	95050	12.07	ng/ul	0.00
70) Anthracene-d10	17.30	188	2407669	35.80	ng/ul	0.00
78) Pyrene-d10	19.59	212	2726970	37.32	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.52	264	3466233	43.09	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.64	105	31598	1.144	ng/ul	98
28) Naphthalene	10.65	128	113522	2.043	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	53302	1.306	ng/ul	92
44) Dimethylphthalate	13.91	163	447091	8.886	ng/ul	99
47) Acenaphthylene	14.17	152	335467	5.442	ng/ul	100
49) Acenaphthene	14.52	153	208641	4.848	ng/ul	98
53) Dibenzofuran	14.85	168	151963	2.497	ng/ul	99
58) Fluorene	15.50	166	214103	4.381	ng/ul	97
69) Phenanthrene	17.24	178	4542446	58.617	ng/ul	99
71) Anthracene	17.33	178	1039478	13.086	ng/ul	99
74) Carbazole	17.60	167	478202	6.923	ng/ul	98
76) Fluoranthene	19.26	202	9519603	107.196	ng/ul	100
79) Pyrene	19.62	202	8431192	90.355	ng/ul	98
80) Butylbenzylphthalate	20.52	149	45285	1.191	ng/ul#	70
82) Benzo(a)anthracene	21.36	228	5576377	59.135	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	423400	6.601	ng/ul	100
84) Chrysene	21.42	228	5231603	59.789	ng/ul	98
87) Benzo(b)fluoranthene	22.98	252	7660068	74.404	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	2329523m	23.673	ng/ul	
90) Benzo(a)pyrene	23.57	252	5114873	52.221	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.99	276	3531383	30.526	ng/ul	96
92) Dibenzo(a,h)anthracene	25.99	278	1000729	10.209	ng/ul#	81
93) Benzo(g,h,i)perylene	26.70	276	2581138	27.502	ng/ul	98

JV 06/07/19

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020789.D
Acq On : 07 Jun 2019 06:38
Operator : HP/JU
Sample : K3201-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 07 08:05:59 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 :
C0AB9

Manual Integrations APPROVED
mohammad
6/7/2019 2:15:09 PM

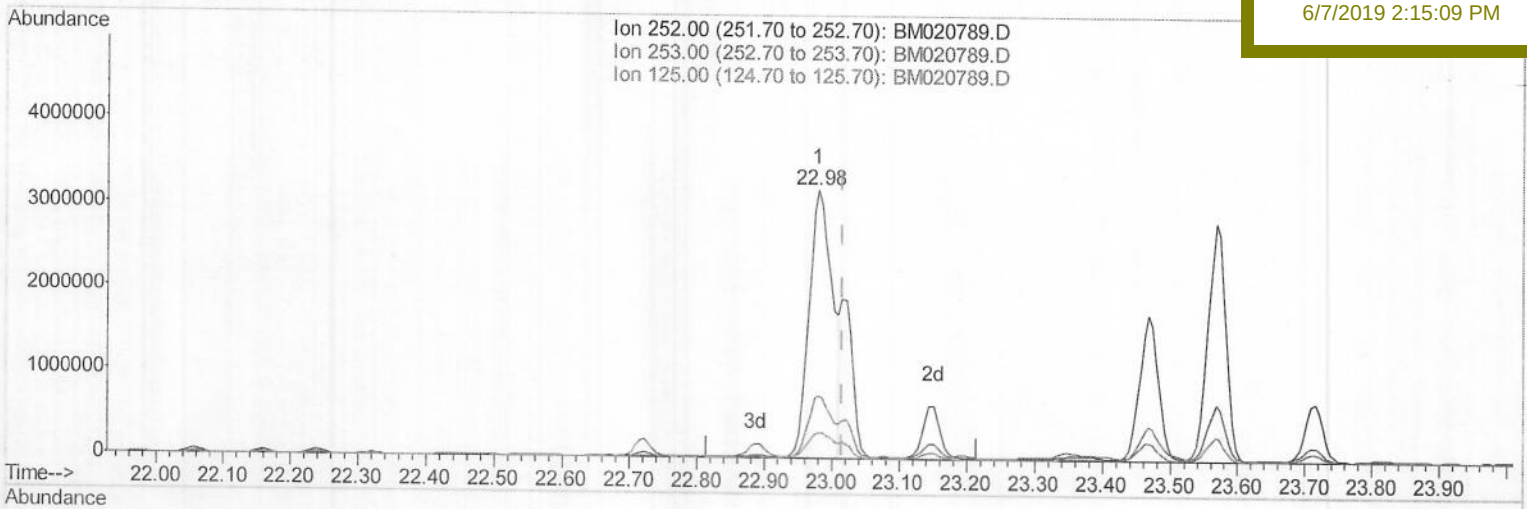
Quantitation Report (Qedit)

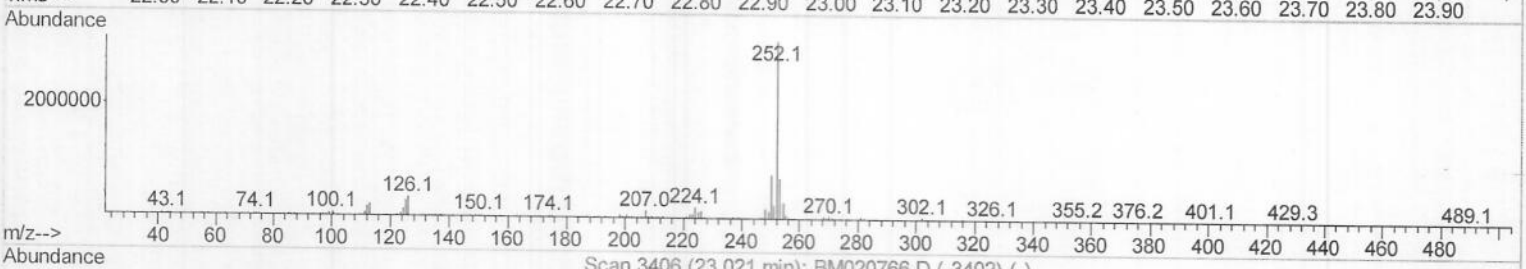
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020789.D
Acq On : 07 Jun 2019 06:38
Operator : HP/JU
Sample : K3201-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

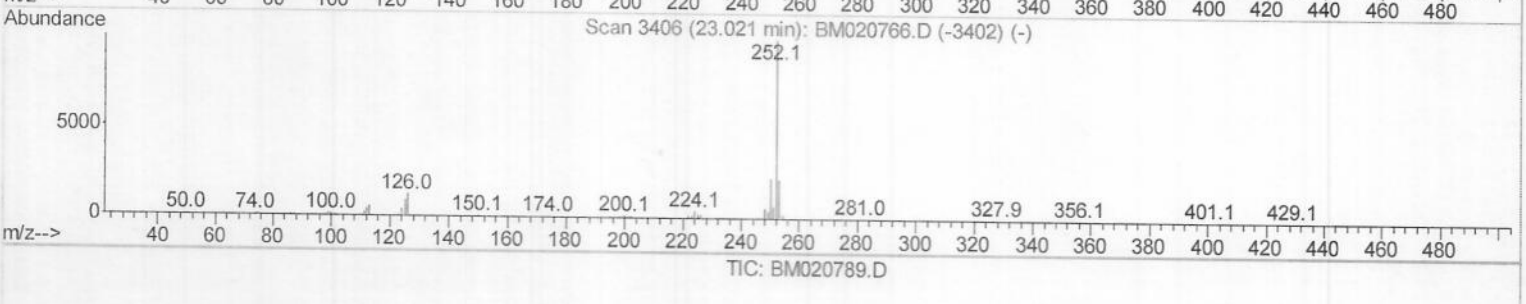
Quant Time: Jun 16 01:32:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 16 01:09:52 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
6/7/2019 2:15:09 PM







TIC: BM020789.D

(88) Benzo(k)fluoranthene

22.980min (-0.035) 77.84ng/ul

response 7660068

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.87
125.00	9.10	9.11
0.00	0.00	0.00