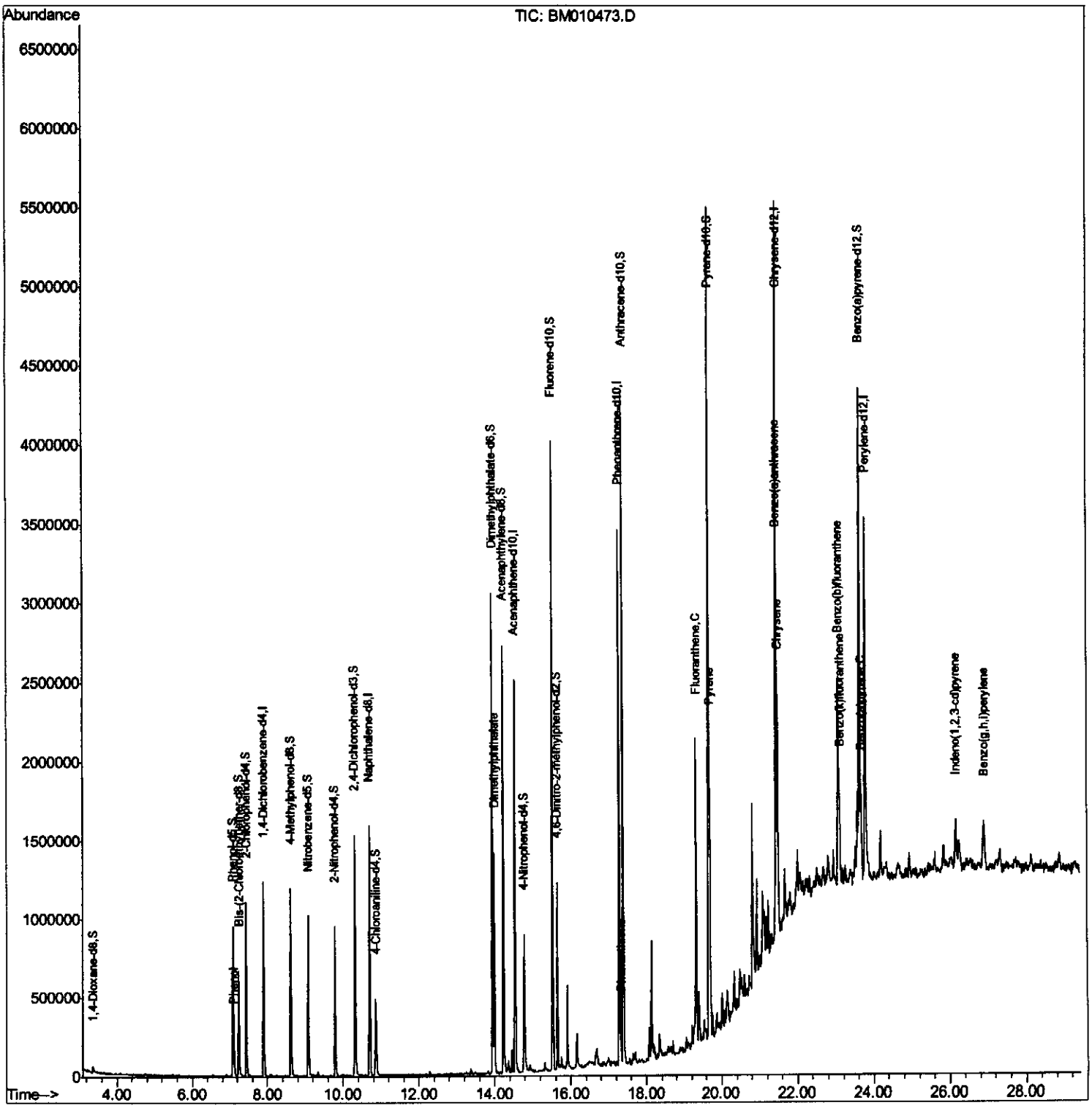
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010473.D
Acq On : 10 Jun 2017 02:51
Operator : SJ/MA
Sample : I3520-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 10 04:17:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5B77

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:34 AM



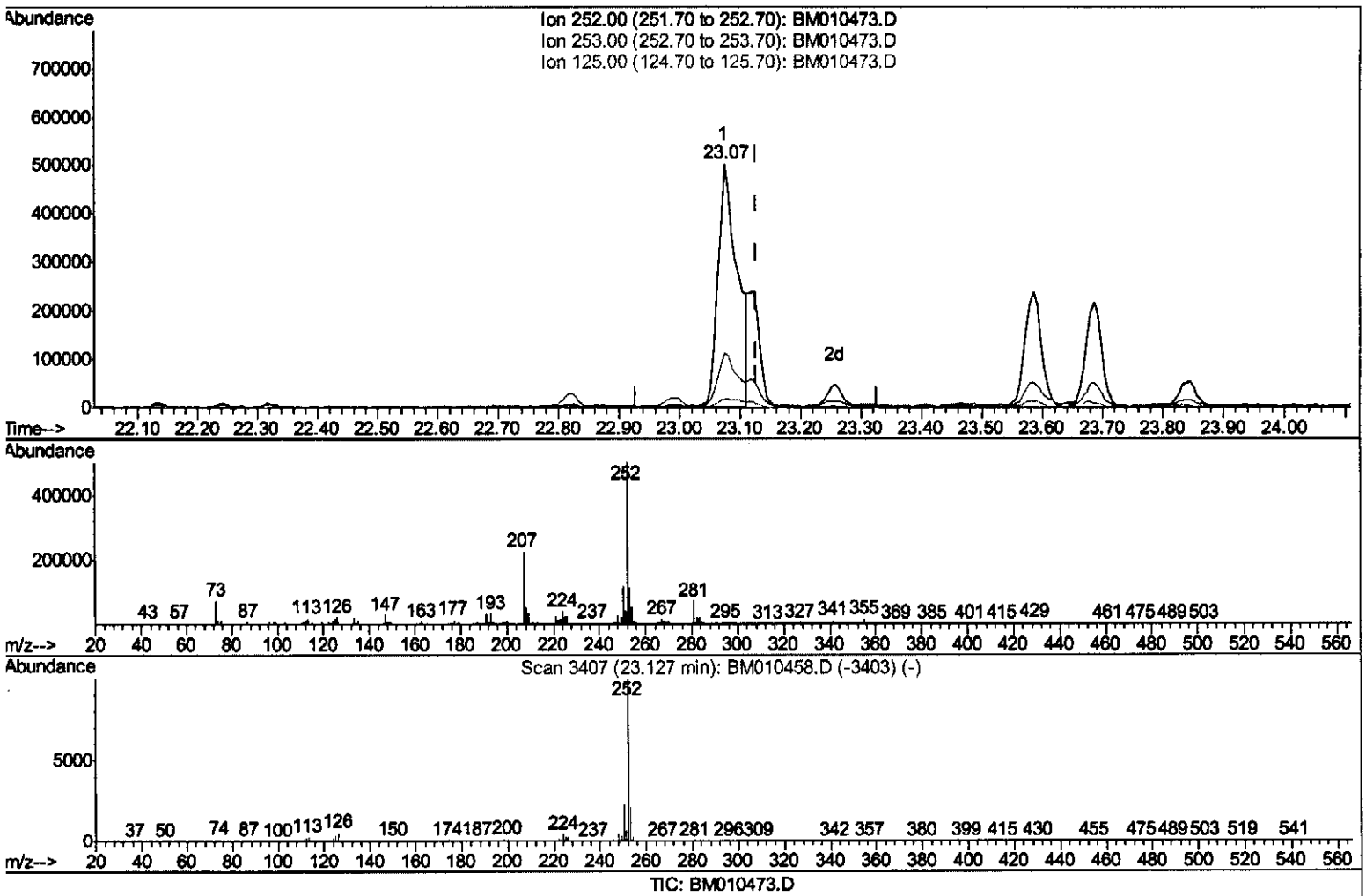
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010473.D
Acq On : 10 Jun 2017 02:51
Operator : SJ/MA
Sample : I3520-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 10 04:15:45 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5B77

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:34 AM



TIC: BM010473.D

(86) Benzo(k)fluoranthene

23.074min (-0.053) 11.66ng/ul

response 1108997

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.91
125.00	4.30	3.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010473.D
Acq On : 10 Jun 2017 02:51
Operator : SJ/MA
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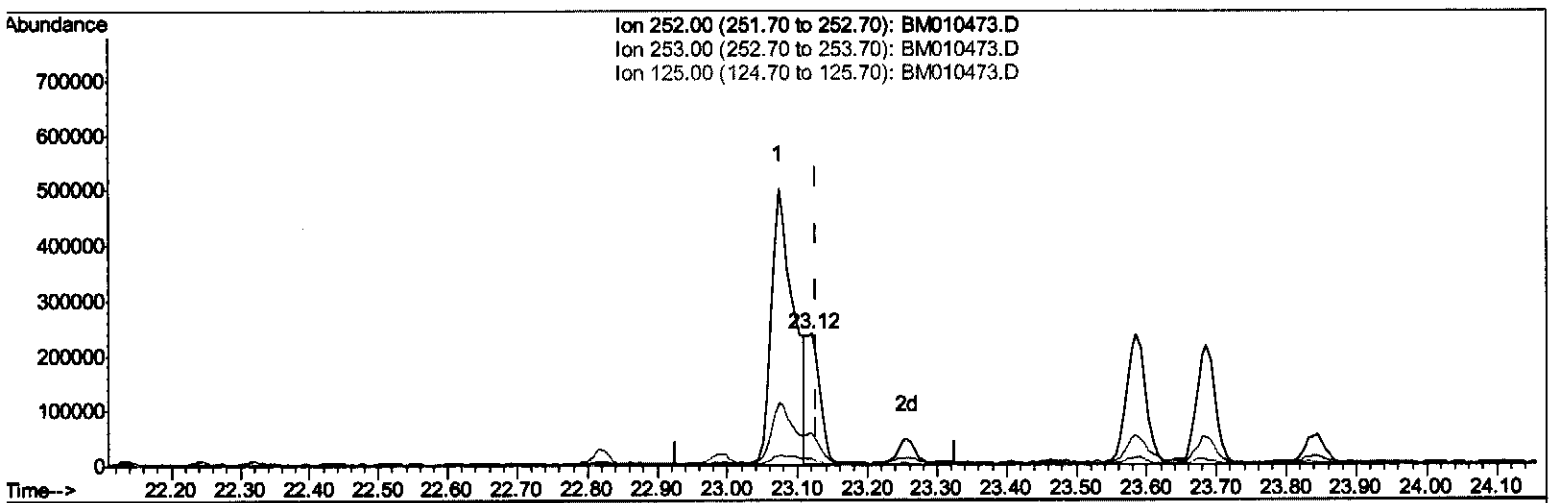
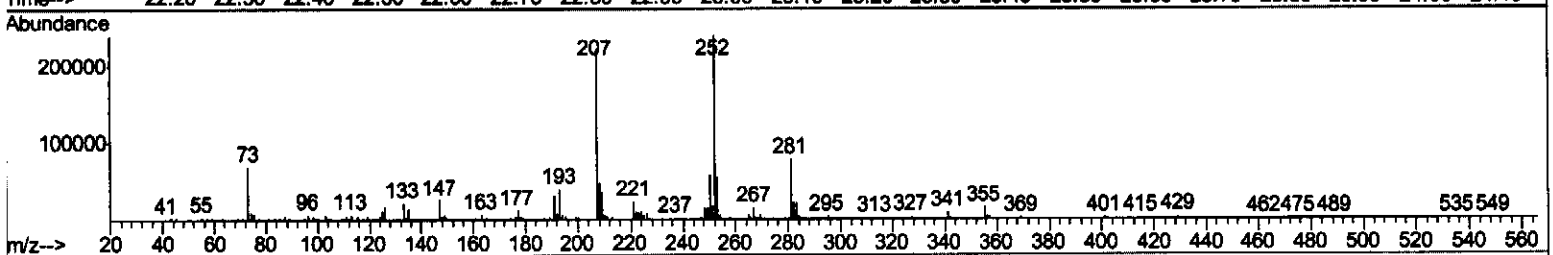
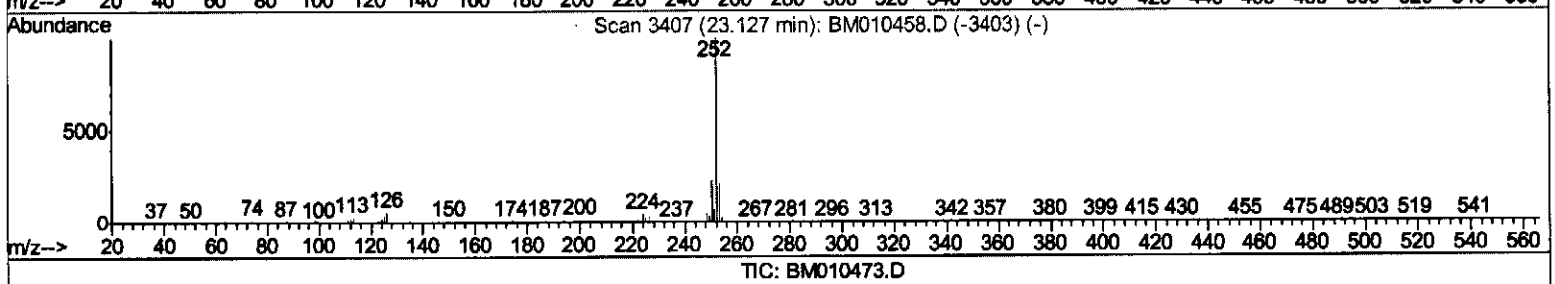
Instrument :
BNA_M
ClientSampleId :
F5B77

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:34 AM







TIC: BM010473.D

(86) Benzo(k)fluoranthene

23.121min (-0.006) 3.25ng/ul m SJ 06/19/17

response 309166

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.45
125.00	4.30	5.07
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
Data File : BM010473.D
Acq On : 10 Jun 2017 02:51
Operator : SJ/MA
Sample : I3520-20
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B77

Manual Integrations APPROVED
mohammad
6/12/2017 11:18:34 AM

Quant Time: Jun 10 04:17:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 10 02:32:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	274766	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1043553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	714123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1732210	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1884499	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1711233	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	24986	3.73	ng/uL	0.00
5) Phenol-d5	7.09	99	439474	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	254404	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	394953	23.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	357440	21.28	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	181504	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	231400	26.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	472529	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	206789	11.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1628090	27.44	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1792396	25.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	173336	19.53	ng/ul	0.00
57) Fluorene-d10	15.53	176	1392203	26.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	266800	21.74	ng/ul	0.00
70) Anthracene-d10	17.38	188	2237631	26.55	ng/ul	0.00
76) Pyrene-d10	19.67	212	2590629	33.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	2061394	25.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.12	94	31534	1.477	ng/ul#	87
44) Dimethylphthalate	14.00	163	708334	12.139	ng/ul	99
69) Phenanthrene	17.33	178	95526	1.033	ng/ul#	94
74) Fluoranthene	19.33	202	1069981	9.409	ng/ul	98
77) Pyrene	19.70	202	1066504	10.982	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	579720	5.455	ng/ul	98
82) Chrysene	21.49	228	861105	8.964	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1108997	11.137	ng/ul	99
86) Benzo(k)fluoranthene	23.12	252	309166m	3.250	ng/ul	
88) Benzo(a)pyrene	23.69	252	391060	3.962	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	304408	2.441	ng/ul#	93
91) Benzo(g,h,i)perylene	26.90	276	212814	2.072	ng/ul#	96

SJ 06/19/17

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