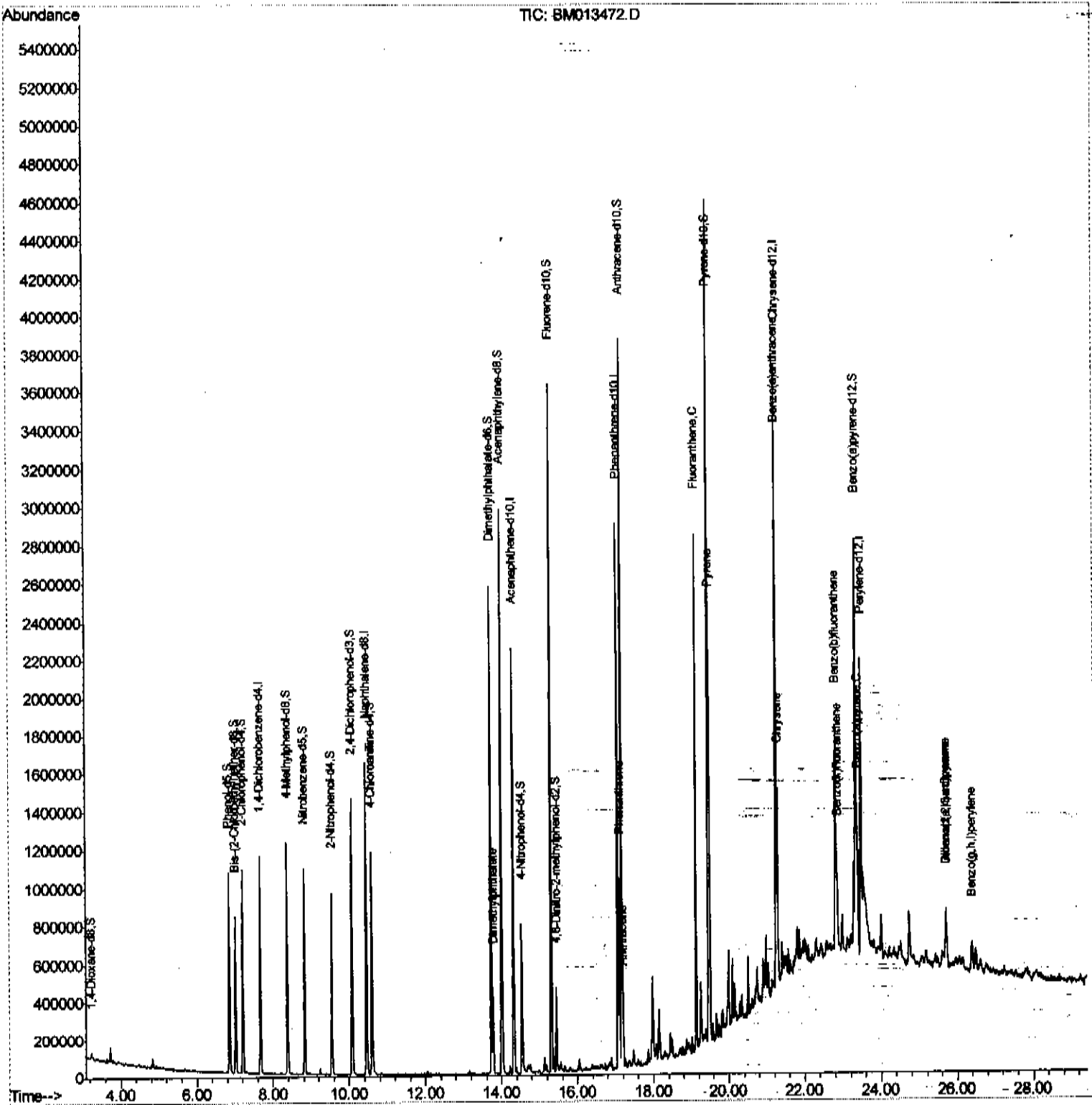


Data File : BM013472.D
Acq On : 16 Dec 2017 11:11
Operator : SJ/JU
Sample : I6799-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02B3

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:36 PM

Quant Time: Dec 18 02:50:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

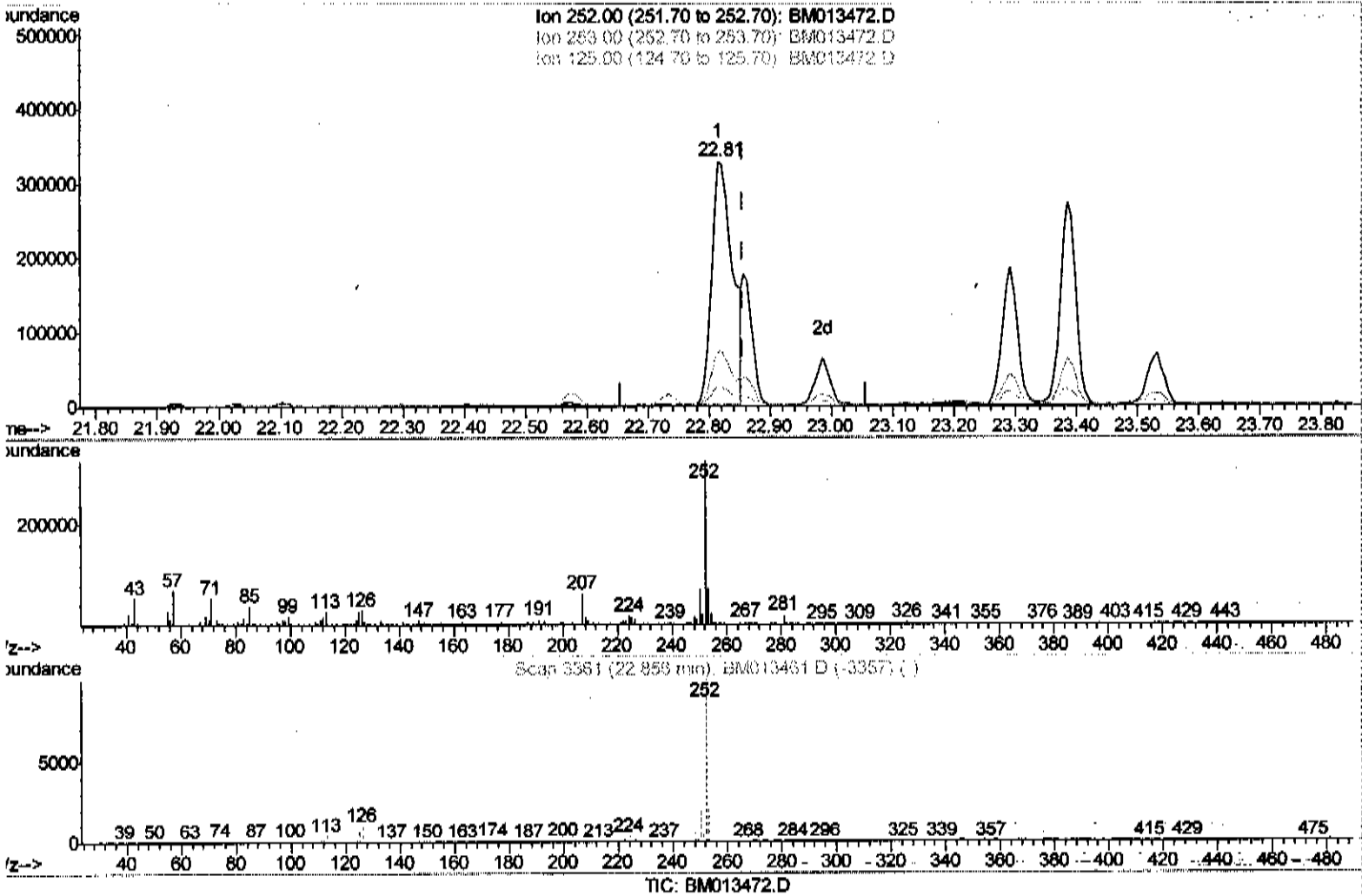


Data File : BM013472.D
Acq On : 16 Dec 2017 11:11
Operator : SJ/JU
Sample : I6799-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C02B3

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:36 PM

Quant Time: Dec 18 00:30:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.815min (-0.041) 11.10ng/ul

response 769081

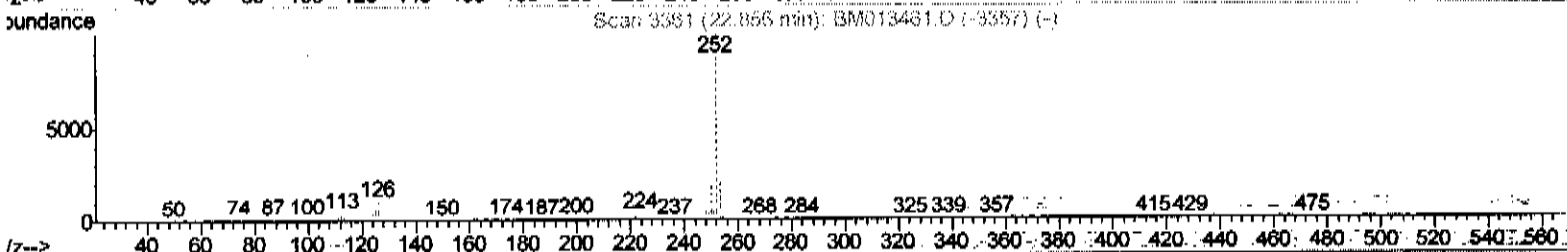
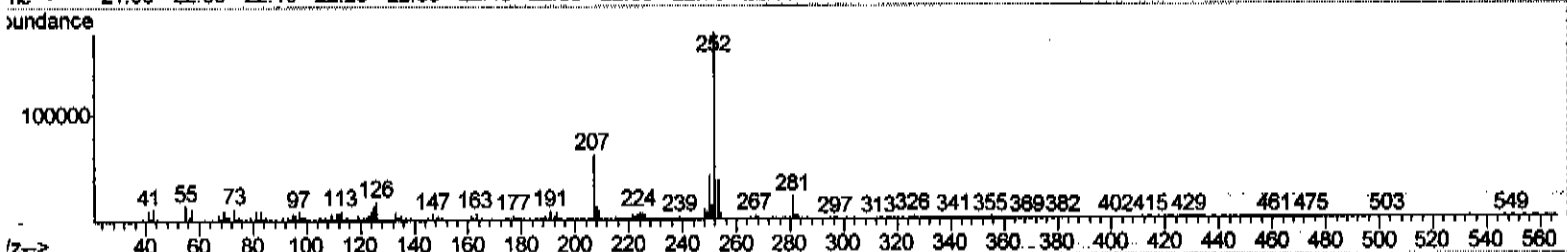
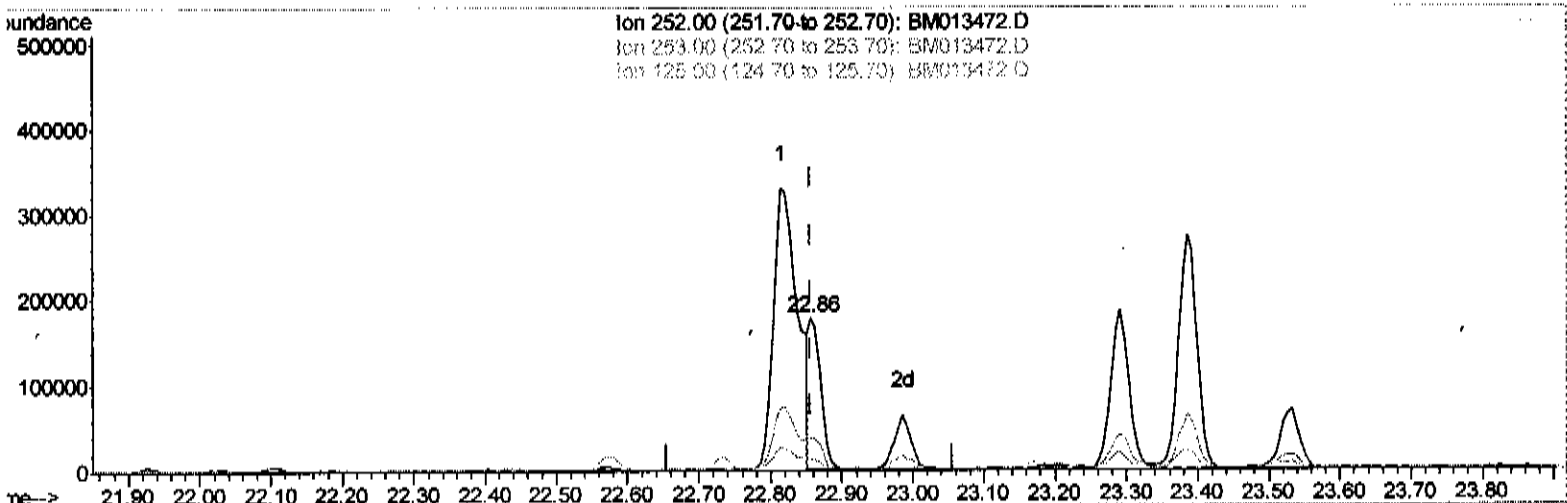
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.31
125.00	4.30	8.10#
0.00	0.00	0.00

Data File : BM013472.D
Acq On : 16 Dec 2017 11:11
Operator : SJ/JU
Sample : I6799-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02B3

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:36 PM

Quant Time: Dec 18 00:30:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.856min (-0.000) 2.91ng/ul m *SJ 12/18/17*

response 201450

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.70
125.00	4.30	7.60#
0.00	0.00	0.00

Data File : BM013472.D

Acq On : 16 Dec 2017 11:11

Operator : SJ/JU

Sample : I6799-09

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

C02B3

Manual Integrations

APPROVED

Sohil

12/18/2017 2:10:36 PM

Quant Time: Dec 18 02:50:03 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

Last Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	295288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1297426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	746137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1636382	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1326659	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1092545	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17650	2.96	ng/uL	0.00
5) Phenol-d5	6.85	99	561709	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	332038	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	469972	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	429999	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	245468	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	275880	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	520117	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	615136	29.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1601255	24.12	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2032764	24.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	196934	17.07	ng/ul	0.00
57) Fluorene-d10	15.32	176	1364692	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	89668	8.71	ng/ul	0.00
70) Anthracene-d10	17.17	188	2078963	25.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	2160385	32.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1423303	25.58	ng/ul	0.00

Target Compounds					Qvalue
44) Dimethylphthalate	13.78	163	258758	4.07 ng/ul	100
69) Phenanthrene	17.11	178	572950	6.16 ng/ul	99
71) Anthracene	17.20	178	171428	1.80 ng/ul	98
74) Fluoranthene	19.13	202	1584146	13.90 ng/ul#	93
77) Pyrene	19.49	202	1317507	16.35 ng/ul#	92
80) Benzo(a)anthracene	21.24	228	694752	8.25 ng/ul	100
82) Chrysene	21.30	228	589505	7.55 ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	769081	10.44 ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	201450m	2.91 ng/ul	—
88) Benzo(a)pyrene	23.39	252	488872	7.39 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	301479	4.59 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	81992	1.47 ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	212318	4.10 ng/ul#	89

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