Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

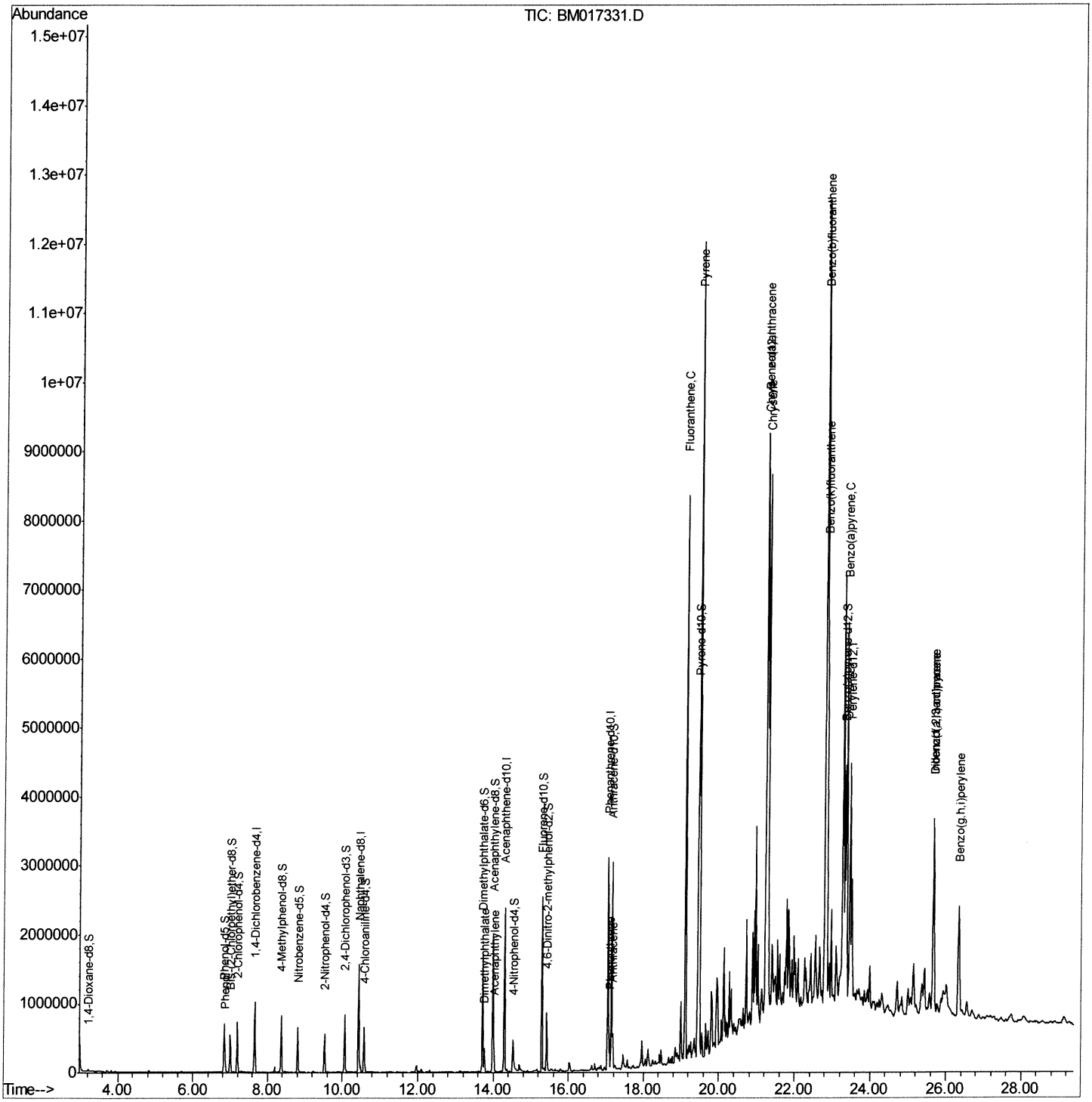
Quantitation Report (QT Reviewed)

Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 25 02:46:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

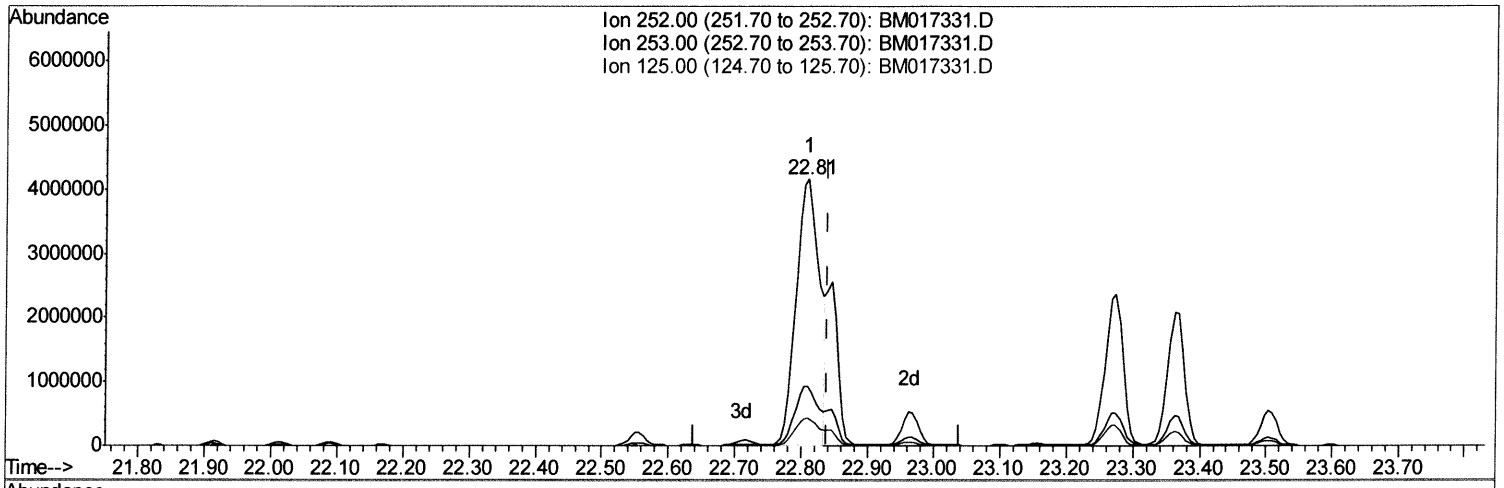
Quantitation Report (Qedit)

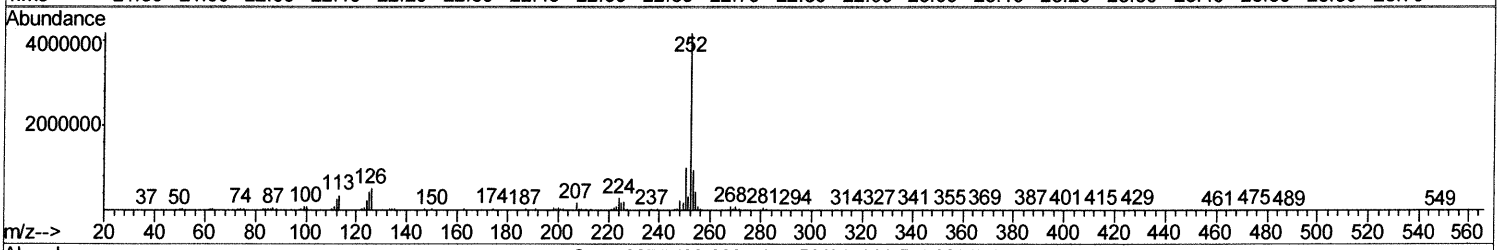
Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

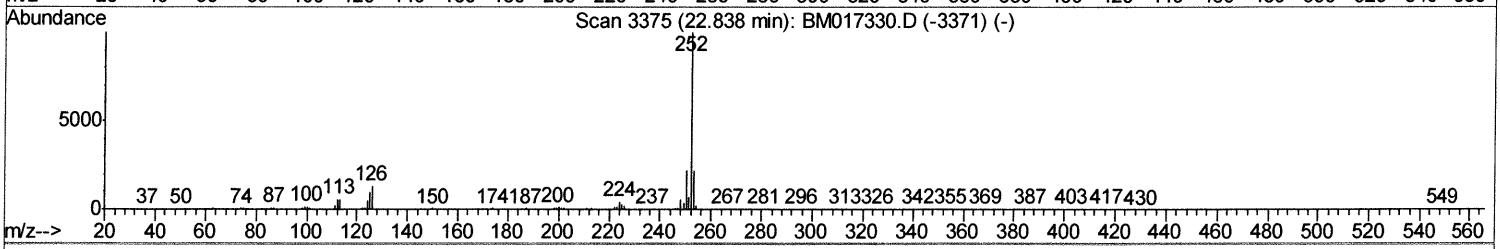
Quant Time: Oct 25 02:42:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM







TIC: BM017331.D

(89) Benzo(k)fluoranthene

22.809min (-0.029) 68.53ng/ul

response 10087548

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.41
125.00	9.70	10.42
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

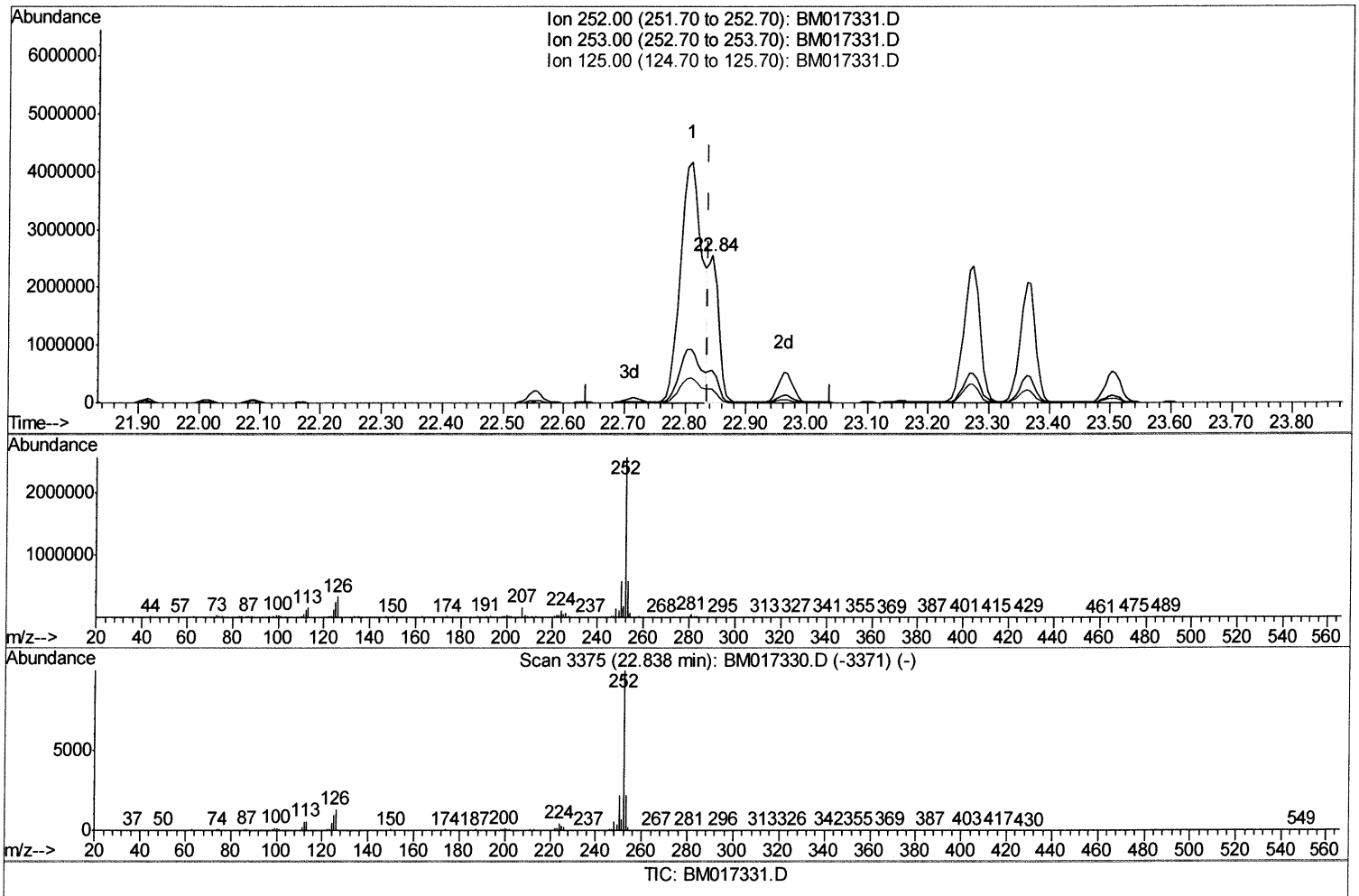
Quantitation Report (Qedit)

Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 25 02:42:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM



TIC: BM017331.D

(89) Benzo(k)fluoranthene

22.844min (+0.006) 20.86ng/ul m SJ 10/25/18

response 3071303

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.42
125.00	9.70	9.41
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

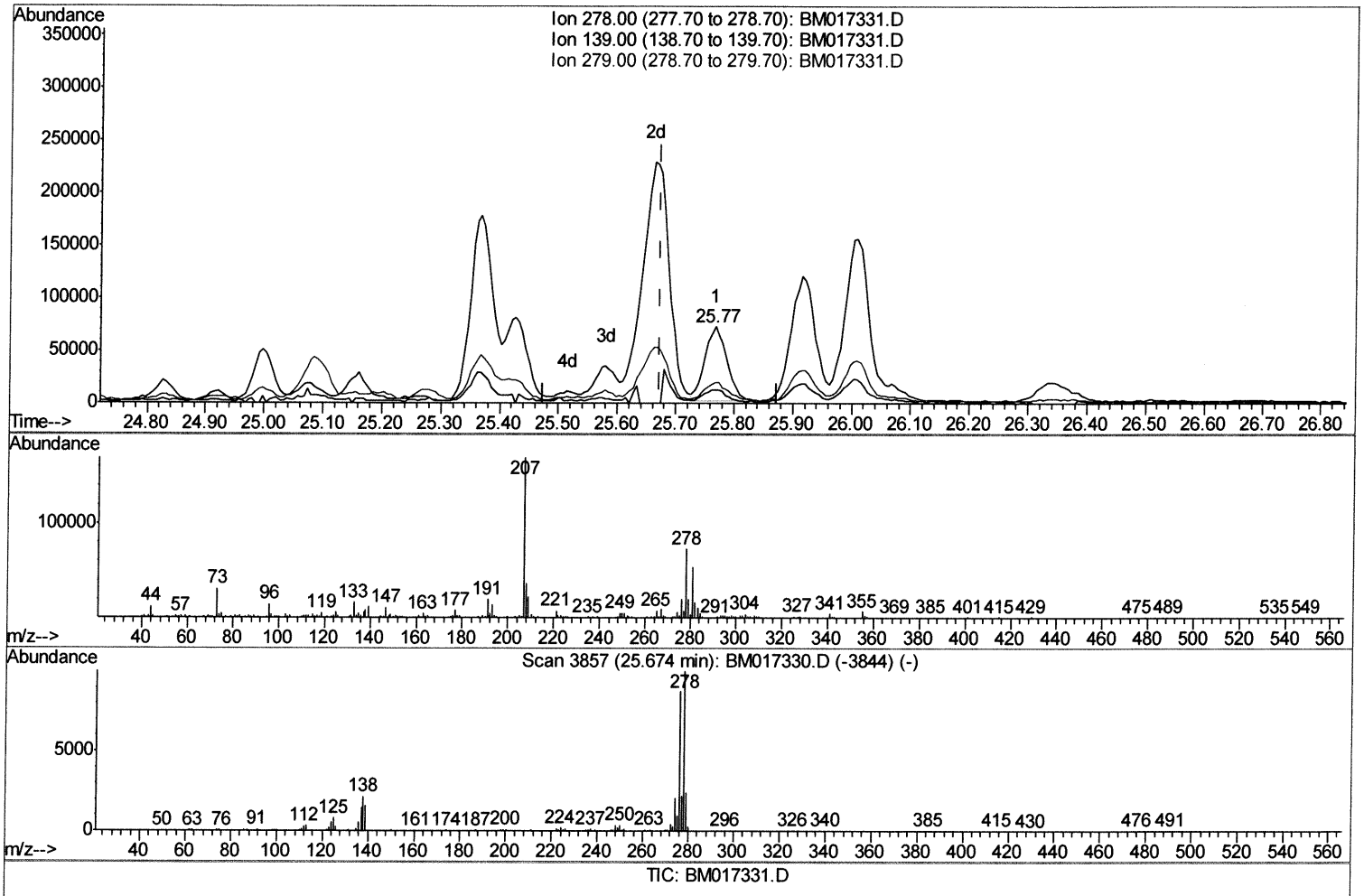
Quantitation Report (Qedit)

Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 25 02:42:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM



TIC: BM017331.D

(93) Dibenzo(a,h)anthracene

25.768min (+0.094) 1.23ng/ul

response 184561

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	17.03
279.00	23.70	27.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

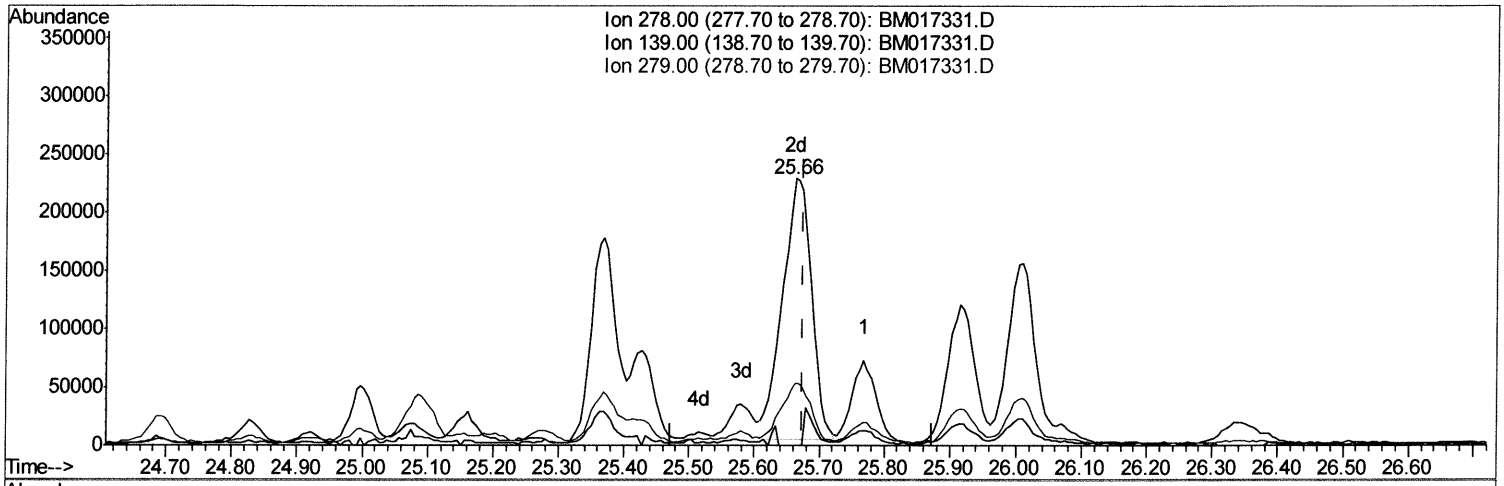
Quantitation Report (Qedit)

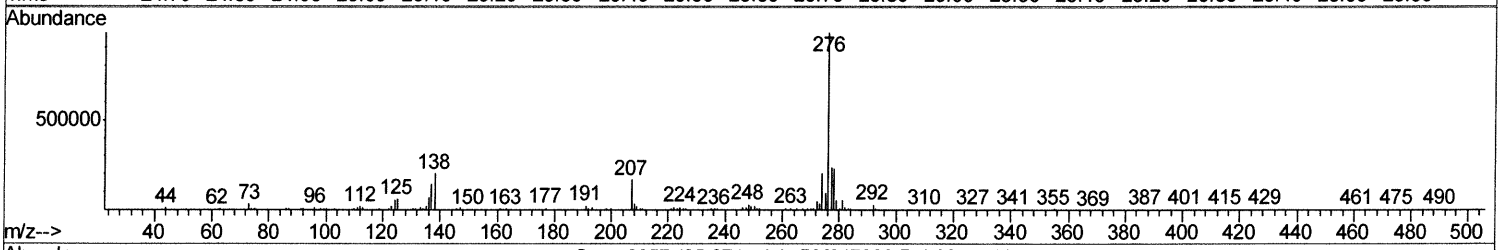
Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

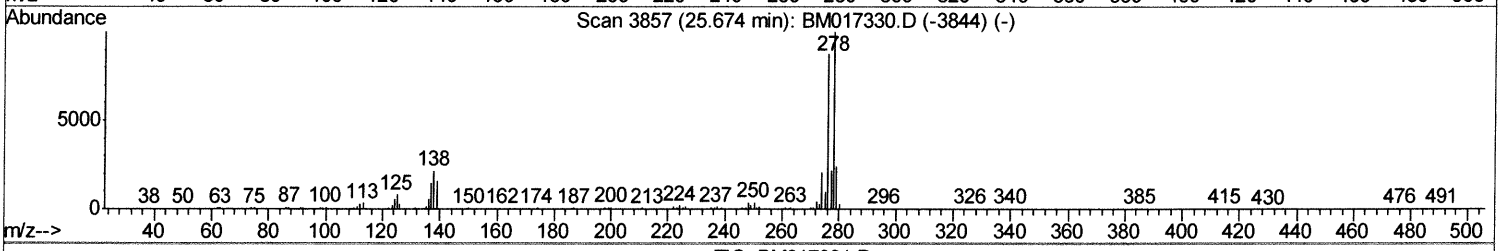
Quant Time: Oct 25 02:42:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM







TIC: BM017331.D

(93) Dibenzo(a,h)anthracene

25.662min (-0.012) 4.65ng/ul m SJ 10/25/18

response 696011

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	0.00#
279.00	23.70	23.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\

Quantitation Report (QT Reviewed)

Data File : BM017331.D
Acq On : 24 Oct 2018 23:32
Operator : MJ/SJ
Sample : J5598-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 25 02:46:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : C0AE2

Manual Integrations APPROVED
Sohil
10/25/2018 3:34:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	278833	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1276037	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	759815	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1825485	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2330675	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2574555	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	17091	2.82	ng/uL	0.00
5) Phenol-d5	6.83	99	403365	15.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	245564	16.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	331162	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	320722	15.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	160214	16.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	179831	16.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	330997	15.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	367062	21.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1116857	17.14	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1338683	16.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	171246	14.07	ng/ul	0.00
58) Fluorene-d10	15.29	176	992364	17.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	176055	13.84	ng/ul	0.00
71) Anthracene-d10	17.14	188	1641229	18.16	ng/ul	0.00
79) Pyrene-d10	19.45	212	1993612	18.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2525838	18.58	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	110755	4.379	ng/ul	99
45) Dimethylphthalate	13.76	163	224824	3.561	ng/ul	99
48) Acenaphthylene	14.02	152	311428	4.194	ng/ul	99
70) Phenanthrene	17.09	178	309318	2.951	ng/ul	98
72) Anthracene	17.18	178	351470	3.301	ng/ul	99
77) Fluoranthene	19.12	202	4950619	41.201	ng/ul	100
80) Pyrene	19.48	202	6994835	51.683	ng/ul	97
83) Benzo(a)anthracene	21.23	228	3991122	27.983	ng/ul	95
85) Chrysene	21.29	228	4989819	36.792	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	10087548	66.937	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	3071303m	20.864	ng/ul	
91) Benzo(a)pyrene	23.36	252	3682626	25.013	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	2689680	15.015	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	696011m	4.653	ng/ul	
94) Benzo(g,h,i)perylene	26.34	276	1906060	12.525	ng/ul	99

SJ 10/25/18

SJ 10/25/18

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