

(QT Reviewed)

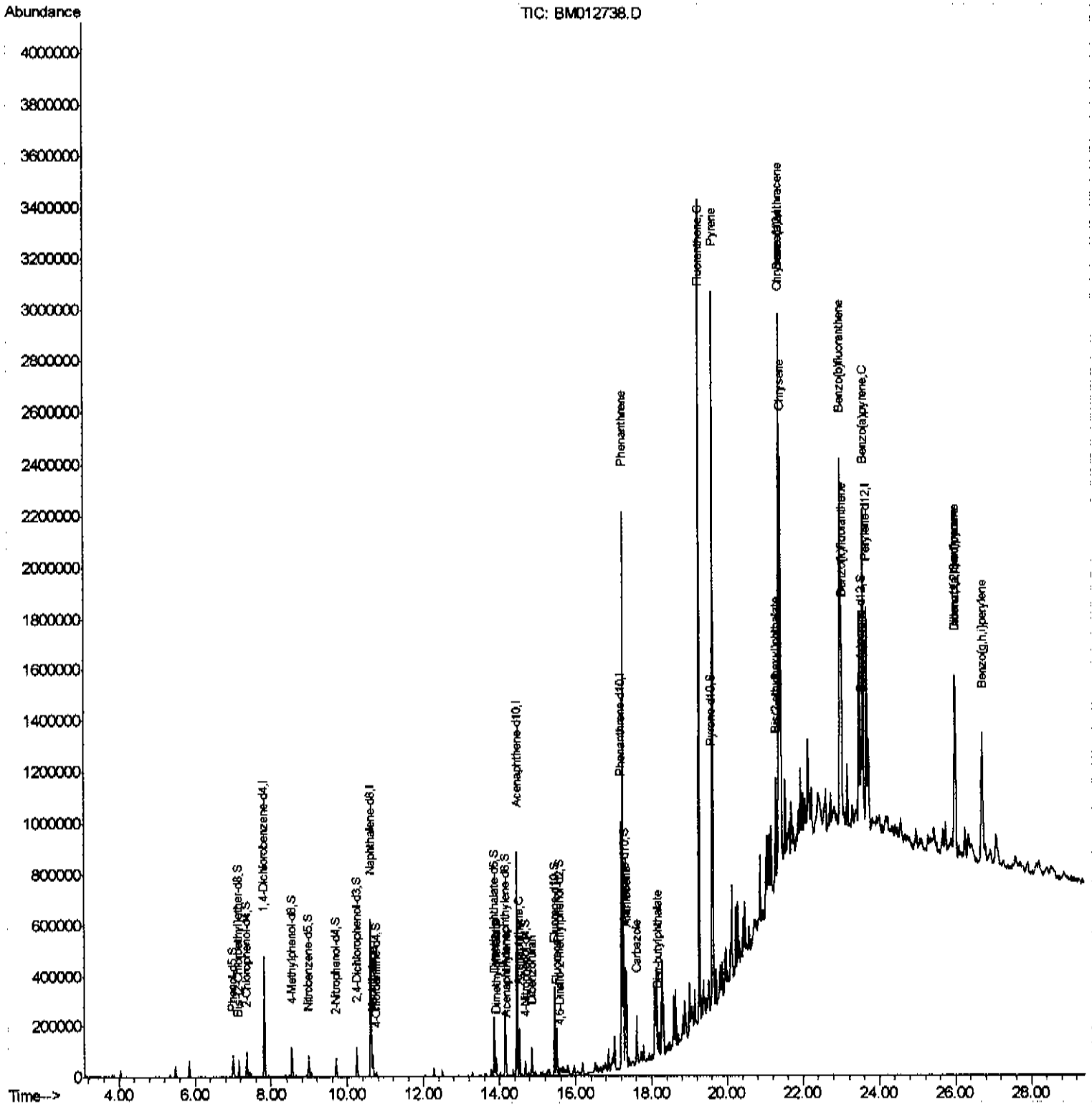
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\  
Data File : BM012738.D  
Acq On    : 05 Nov 2017   09:37  
Operator   : SJ/JU  
Sample     : I5933-01 5X  
Misc       :  
ALS Vial   : 30      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
B-9(0-1)_101617

Manual Integrations

Sohil
11/6/2017 4:24:52 PM

Quant Time: Nov 06 05:36:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampled :

B-9(0-1) 101617

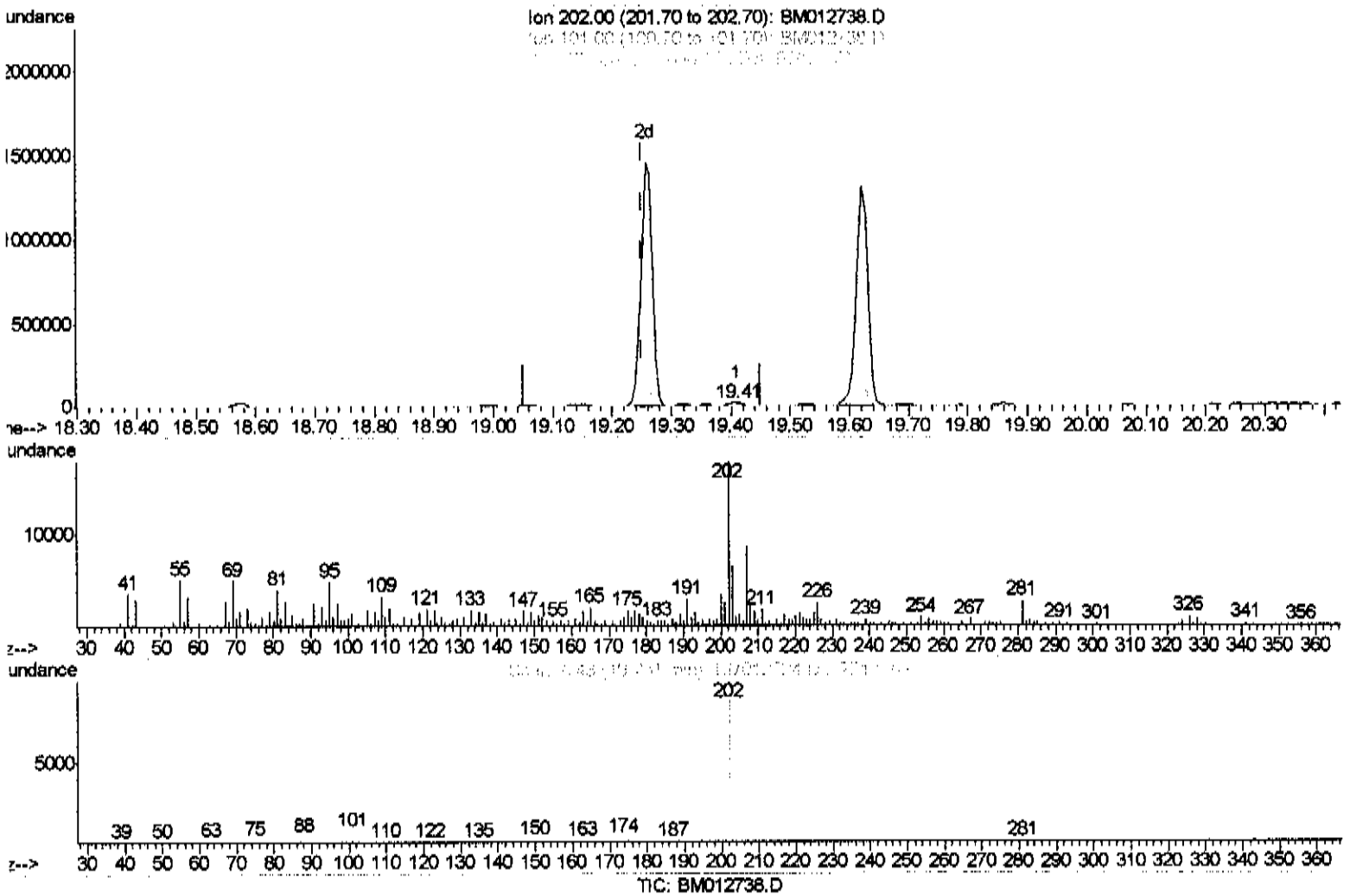
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:52 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012738.D
Acq On : 05 Nov 2017 09:37
Operator : SJ/JU
Sample : I5933-01 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 06 03:30:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



(76) Fluoranthene (C)

19.409min (+0.159) 0.57ng/ul

response 21888

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	11.88
100.00	8.20	6.69
0.00	0.00	0.00

Quantitation Report (Qedit)

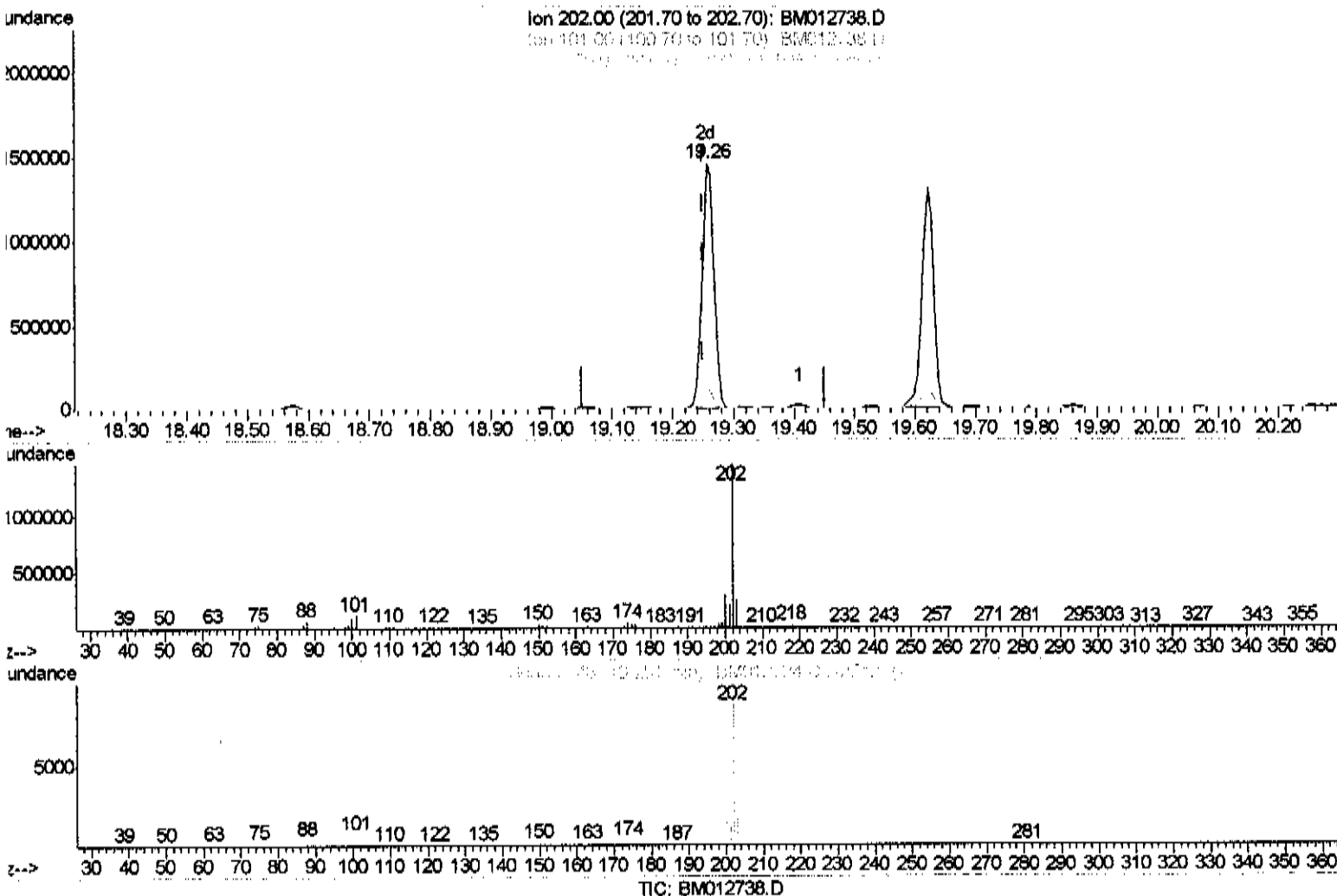
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012738.D
 Acq On : 05 Nov 2017 09:37
 Operator : SJ/JU
 Sample : I5933-01 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-9(0-1)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:52 PM

Quant Time: Nov 06 03:30:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.256min (+0.006) 51.09ng/ul m

SJ 10/06/17

response 1963267

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.16#
100.00	8.20	6.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

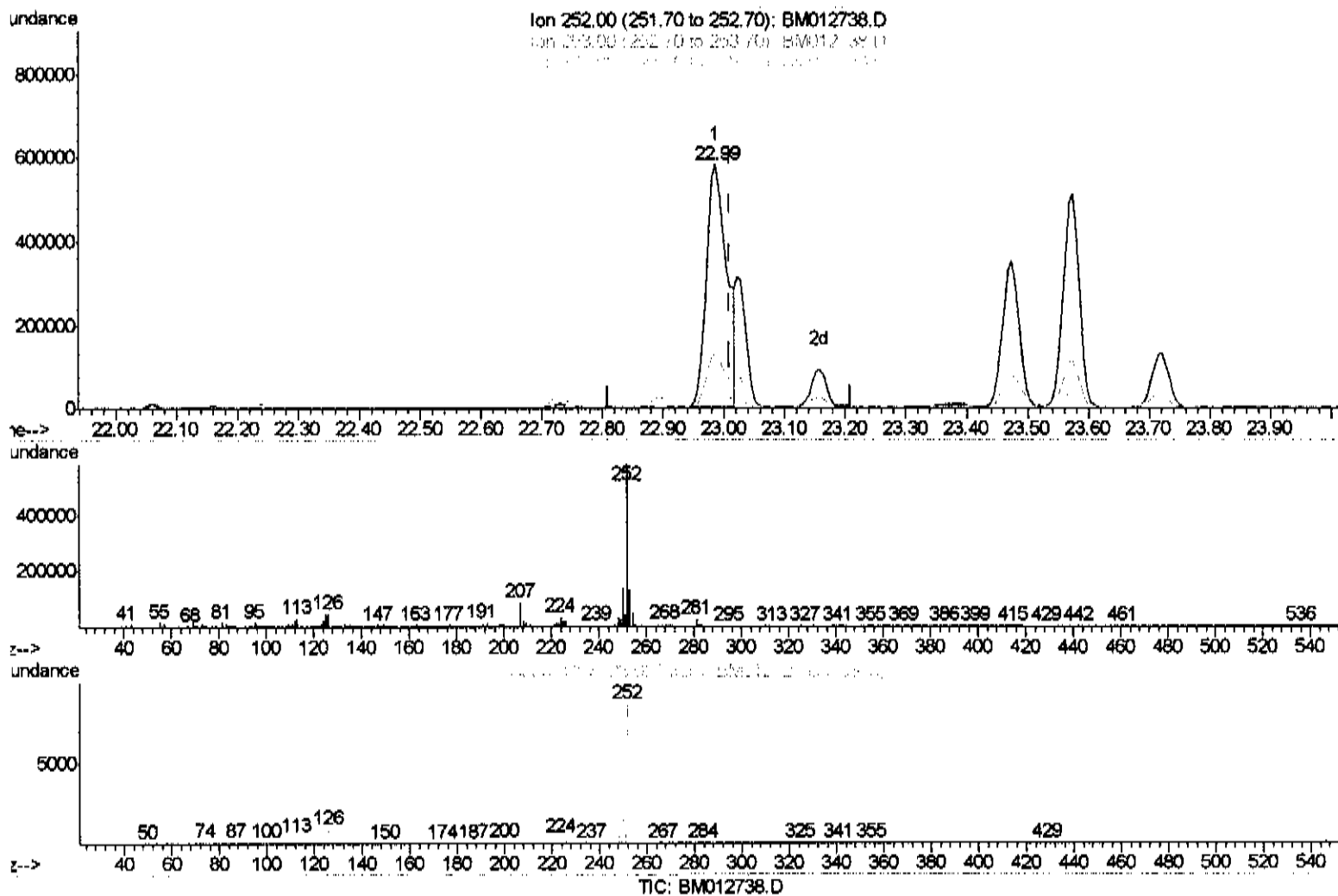
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012738.D
 Acq On : 05 Nov 2017 09:37
 Operator : SJ/JU
 Sample : I5933-01 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(0-1) 101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:52 PM

Quant Time: Nov 06 03:30:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.986min (-0.024) 33.67hg/ul

response 1346594

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.79
125.00	10.20	7.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampleId :

B-9(0-1)_101617

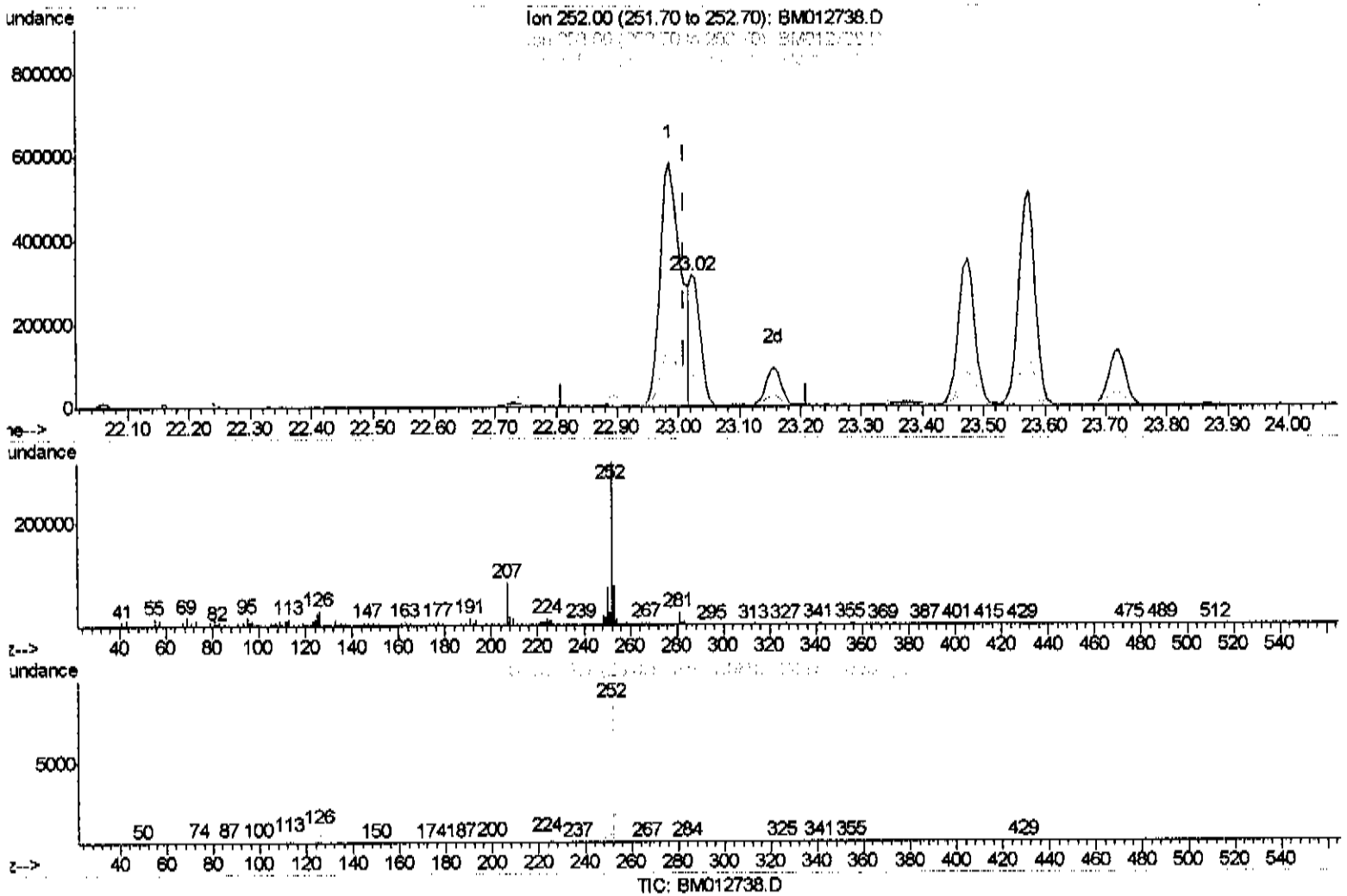
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:52 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012738.D
Acq On : 05 Nov 2017 09:37
Operator : SJ/JU
Sample : I5933-01 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 06 03:30:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.021min (+0.012) 9.24ng/ul m

SJ 11/06/17

response 369373

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.20
125.00	10.20	7.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

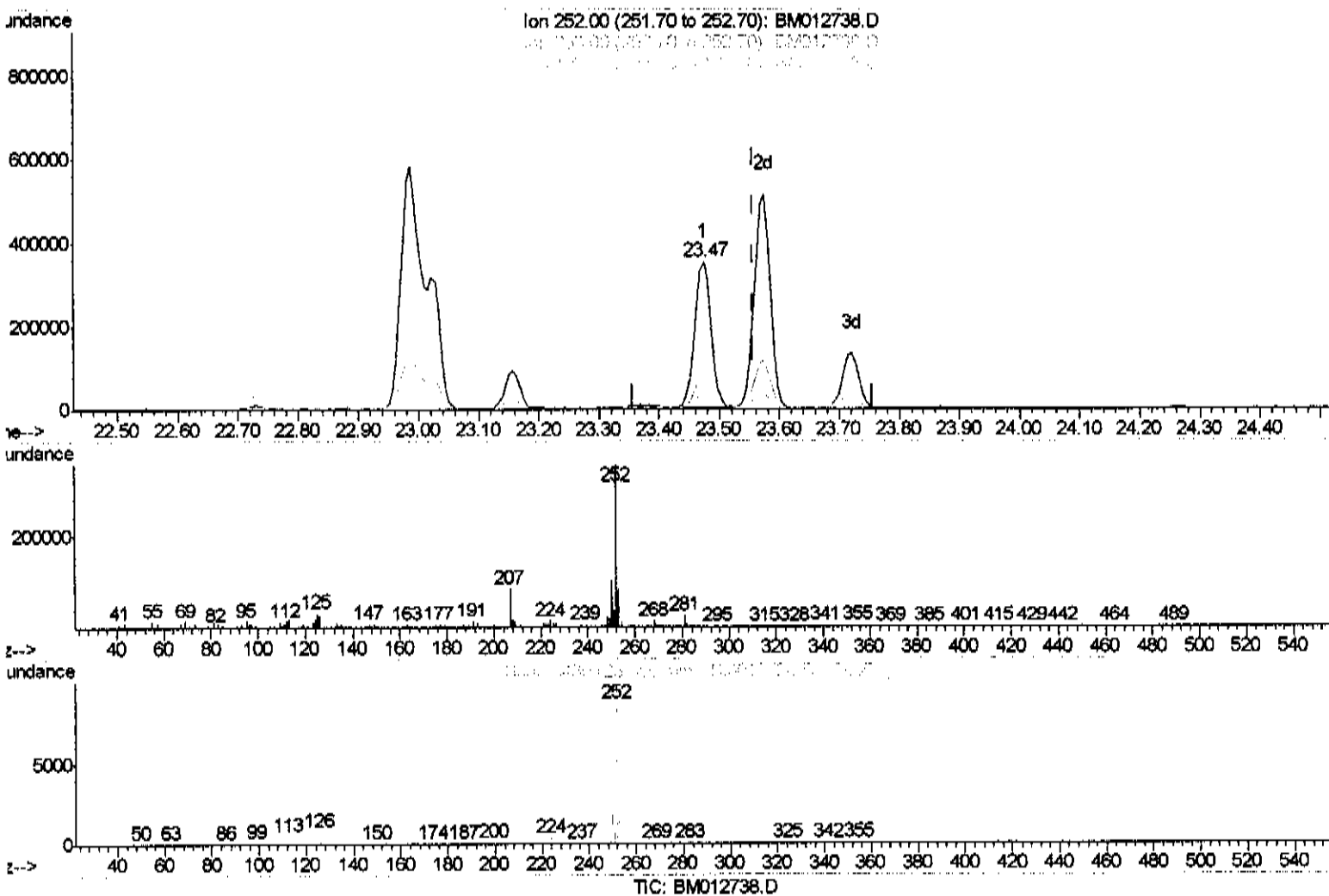
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012738.D
 Acq On : 05 Nov 2017 09:37
 Operator : SJ/JU
 Sample : I5933-01 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(0-1) 101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:52 PM

Quant Time: Nov 06 03:30:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.474min (-0.082) 16.54ng/ui

response 662025

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.56
125.00	11.30	9.30
0.00	0.00	0.00

Instrument :

BNA M

ClientSampleId :

B-9(0-1) 101617

Manual Integrations

APPROVED

Sohil

11/6/2017 4:24:52 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\

Data File : BM012738.D

Acq On : 05 Nov 2017 09:37

Operator : SJ/JU

Sample : I5933-01 5X

Misc :

ALS Vial : 30 Sample Multiplier: 1

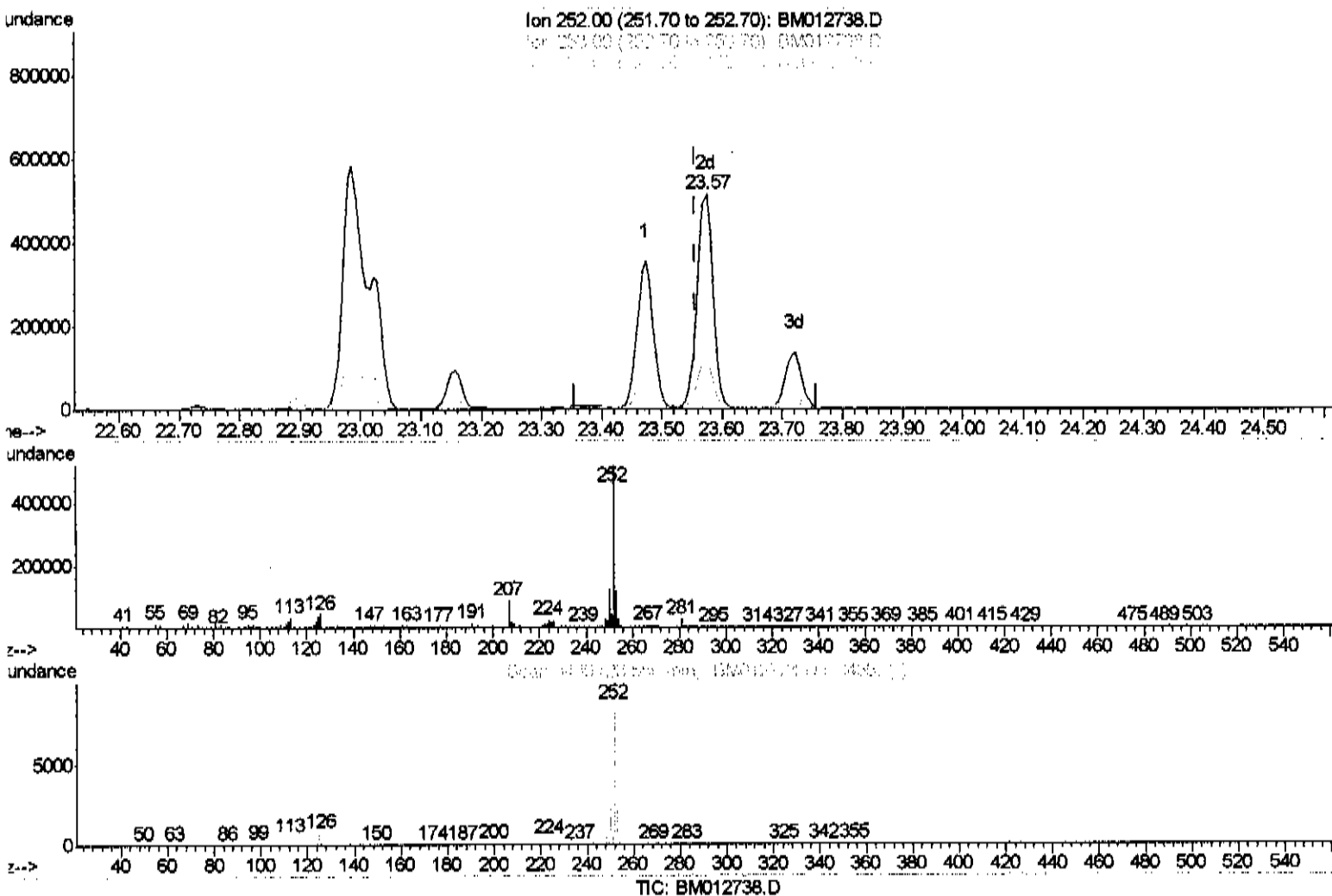
Quant Time: Nov 06 03:30:26 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M

Quant Title : SVOA CALIBRATION

OLast Update : Mon Nov 06 03:22:07 2017

Response via : Initial Calibration



(90) Benzo(a)pyrene (C)

23.574min (+0.018) 23.58ng/ul m

response 944038

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	21.50	22.94
--------	-------	-------

125.00 11.30 7.45#

0.00	0.00	0.00
------	------	------

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012738.D
 Acq On : 05 Nov 2017 09:37
 Operator : SJ/JU
 Sample : I5933-01 5X
 Disc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-9(0-1)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:52 PM

Quant Time: Nov 06 05:36:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 Last Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	132595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	523632	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	298228	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	585097	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	598115	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	688471	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1932	0.79	ng/ul	0.00
5) Phenol-d5	6.99	99	54539	5.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	29459	5.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	47780	5.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	44291	5.20	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	22508	5.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	25473	5.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	50946	5.61	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	14674	1.68	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	161619	6.55	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	190288	6.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	16983	4.29	ng/ul	0.02
57) Fluorene-d10	15.44	176	134499	6.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	4030	1.04	ng/ul	0.01
70) Anthracene-d10	17.30	188	196789	6.96	ng/ul	0.00
78) Pyrene-d10	19.59	212	192128	6.92	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	230457	7.08	ng/ul	0.02

Target Compounds

					Ovalue
28) Naphthalene	10.66	128	69541	2.66	ng/ul 98
44) Dimethylphthalate	13.91	163	49381	2.02	ng/ul 96
47) Acenaphthylene	14.17	152	37906	1.28	ng/ul 98
49) Acenaphthene	14.52	153	78762	3.91	ng/ul 96
53) Dibenzofuran	14.85	168	62220	2.12	ng/ul 95
58) Fluorene	15.50	166	79306	3.25	ng/ul 99
69) Phenanthrene	17.24	178	1327865	41.52	ng/ul 99
71) Anthracene	17.33	178	249178	7.51	ng/ul 100
74) Carbazole	17.60	167	113341	4.10	ng/ul 97
75) Di-n-butylphthalate	18.16	149	69039	2.13	ng/ul 97
76) Fluoranthene	19.26	202	1963267m	51.09	ng/ul
79) Pyrene	19.62	202	1777321	49.81	ng/ul# 92
82) Benzo(a)anthracene	21.36	228	930881	25.72	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.29	149	138980	7.33	ng/ul# 94
84) Chrysene	21.42	228	914955	27.89	ng/ul 97
87) Benzo(b)fluoranthene	22.99	252	1346594	32.01	ng/ul# 96
88) Benzo(k)fluoranthene	23.02	252	369373m	9.24	ng/ul
90) Benzo(a)pyrene	23.57	252	944038m	23.58	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.99	276	732829	15.19	ng/ul# 85
92) Dibenzo(a,h)anthracene	25.99	278	176548	4.32	ng/ul# 94
93) Benzo(a,h,i)perylene	26.71	276	677868	17.05	ng/ul# 90

SS 11/06/17

3 SS 11/06/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012738.D
 Acq On : 05 Nov 2017 09:37
 Operator : SJ/JU
 Sample : I5933-01 5X
 Disc :
 LS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 B-9(0-1)_101617

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:52 PM

Quant Time: Nov 06 05:36:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 Last Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

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

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