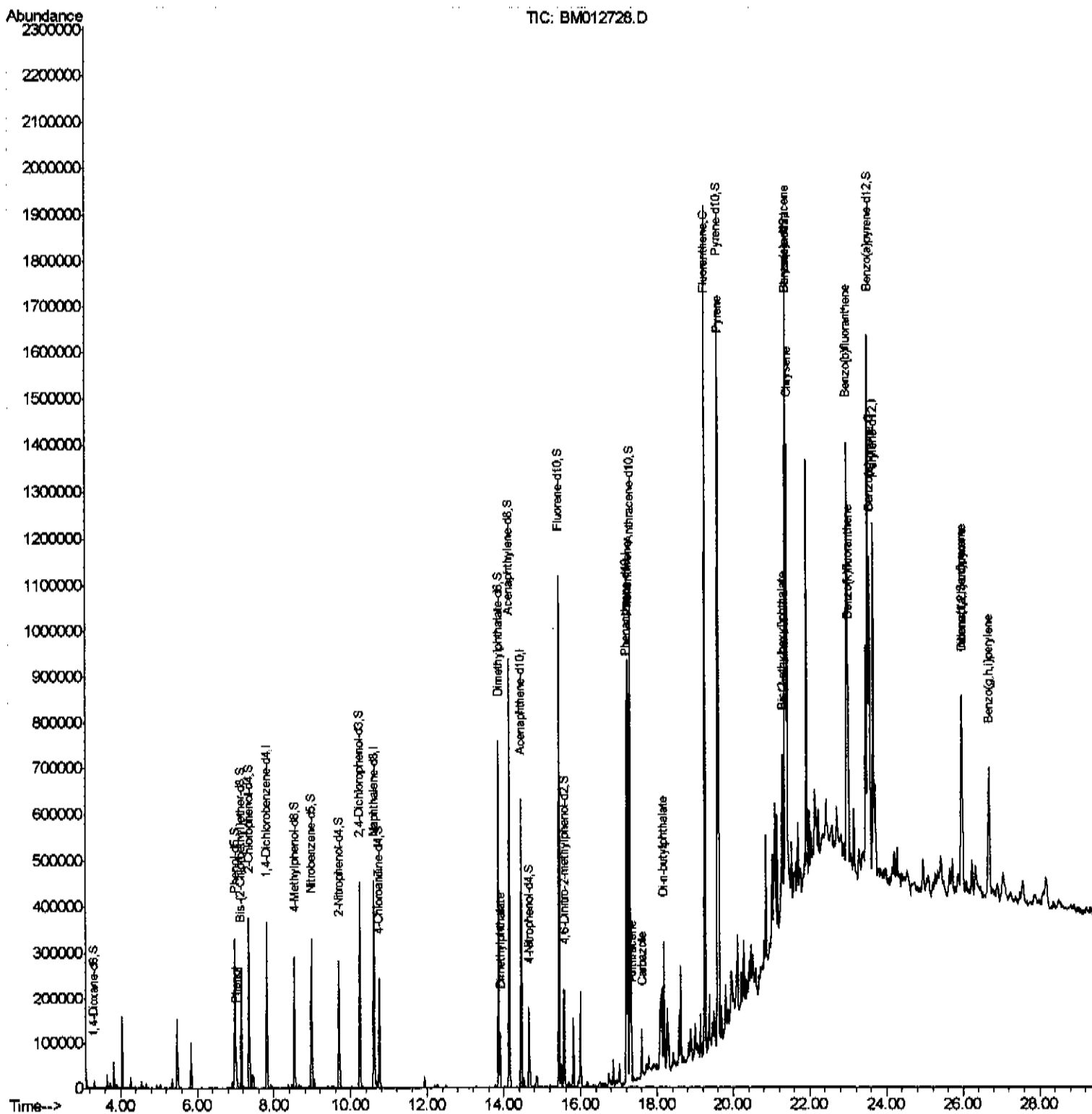


(QT Reviewed)

Sohil
11/6/2017 4:24:03 PM

Quant Time: Nov 06 04:12:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-EM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

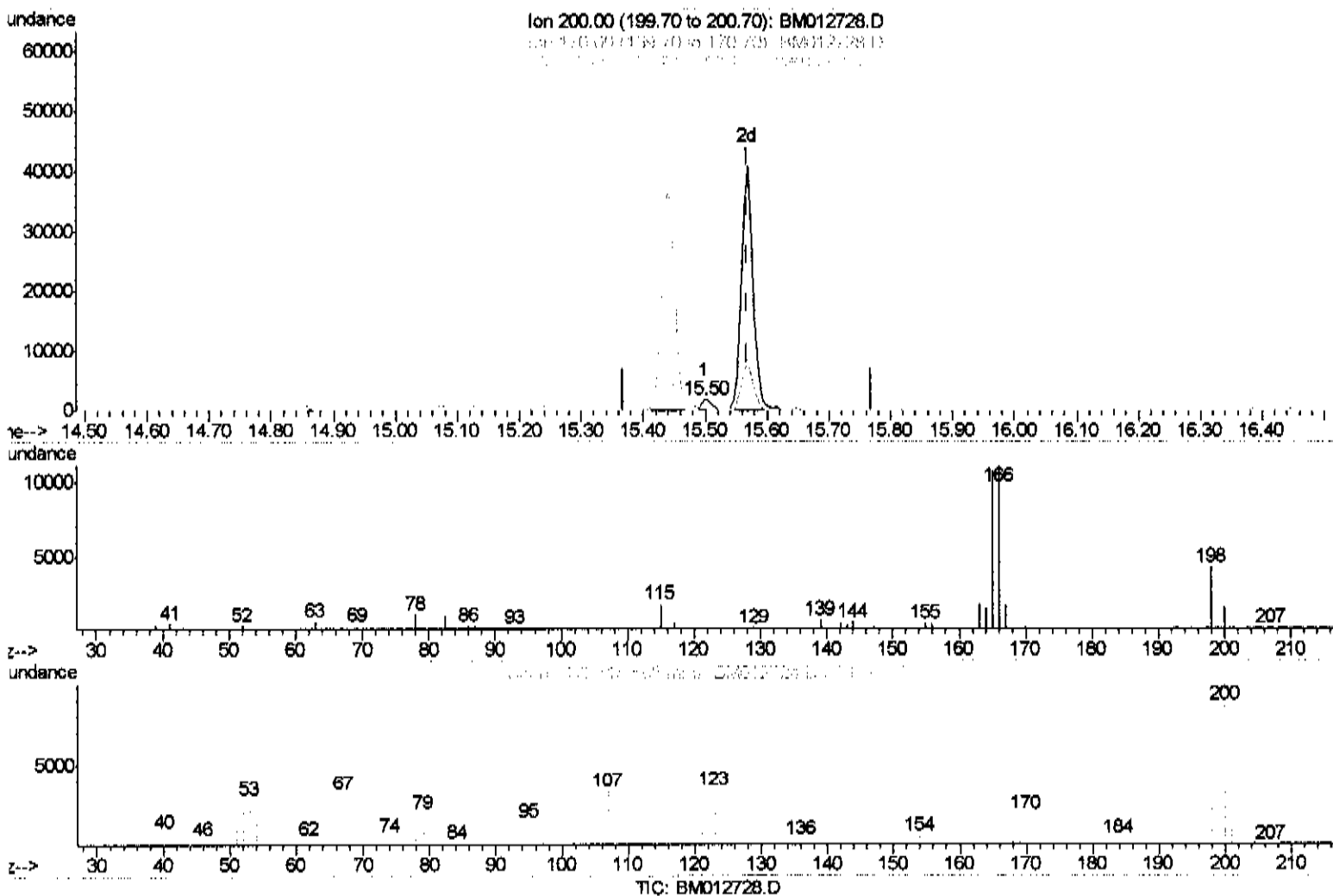
Instrument :
BNA_M
ClientSampled :
B-61(5-6)-101117

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 03:26:56 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



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.498min (-0.071) 0.62ng/ul

response 1962

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	20.86
52.00	33.60	29.66
0.00	0.00	0.00

Quantitation Report (Qedit)

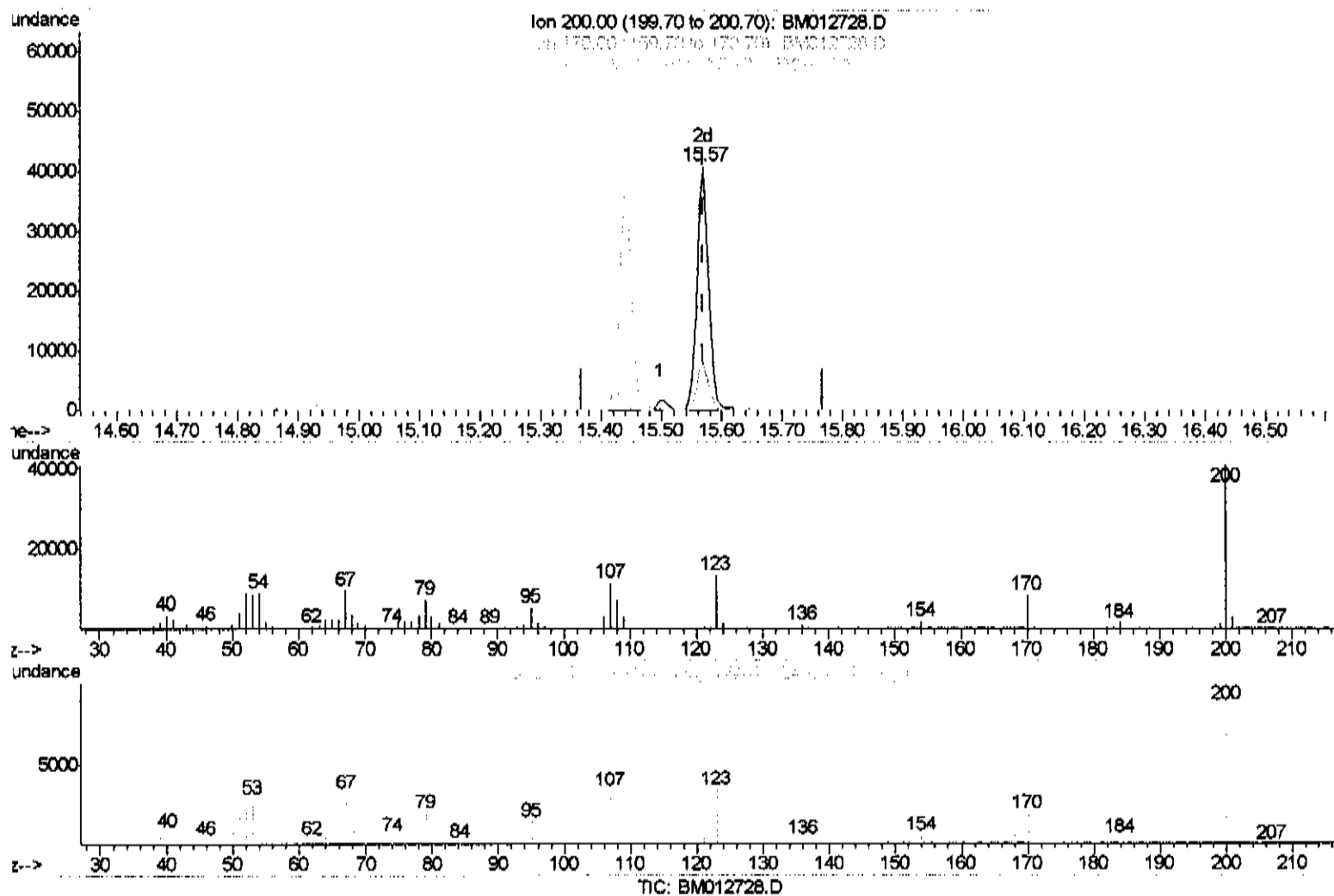
Instrument :
BNA_M
ClientSampled :
B-61(5-6)-101117

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 03:26:56 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



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.568min (-0.000) 17.32ng/ul m

SJ 11/06/17

response 54388

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	20.52
52.00	33.60	21.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampleId :

B-61(5-6)-101117

Manual Integrations

APPROVED

Sohil

11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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

Ion 252.00 (251.70 to 252.70): BM012728.D

Scan 252.00 (251.70 to 252.70): BM012728.D

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Scan 252.00 (251.70 to 252.70): BM012728.D

(88) Benzo(k)fluoranthene

22.968min (-0.041) 23.73ng/ul

response 831906

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.42
125.00	10.20	7.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

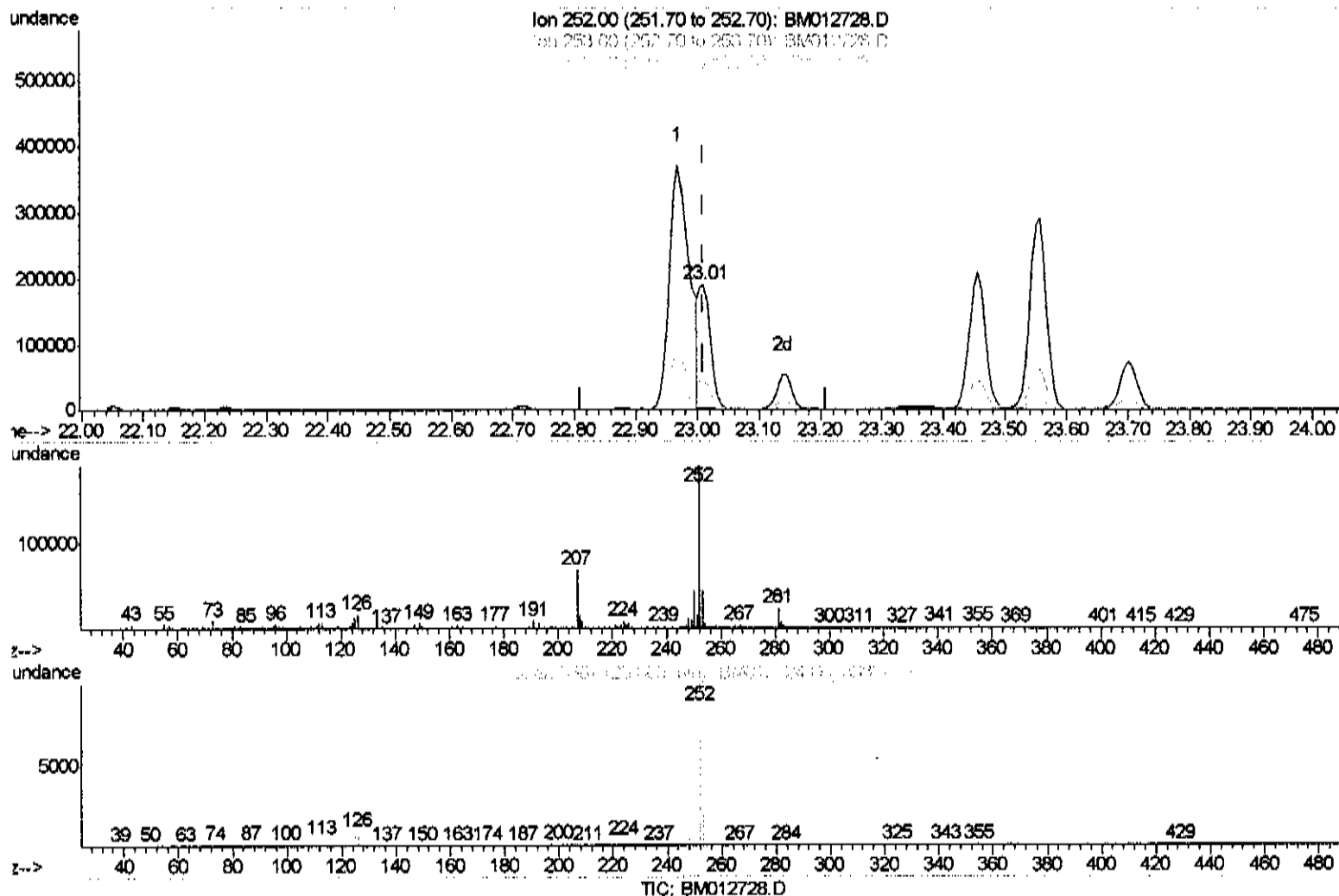
Instrument :
BNA_M
ClientSampled :
B-61(5-6)-101117

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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

23.009min (-0.000) 7.19ng/ul m

SJ 11/06/17

response 252043

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.95
125.00	10.20	6.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampled :

B-61(5-6)-101117

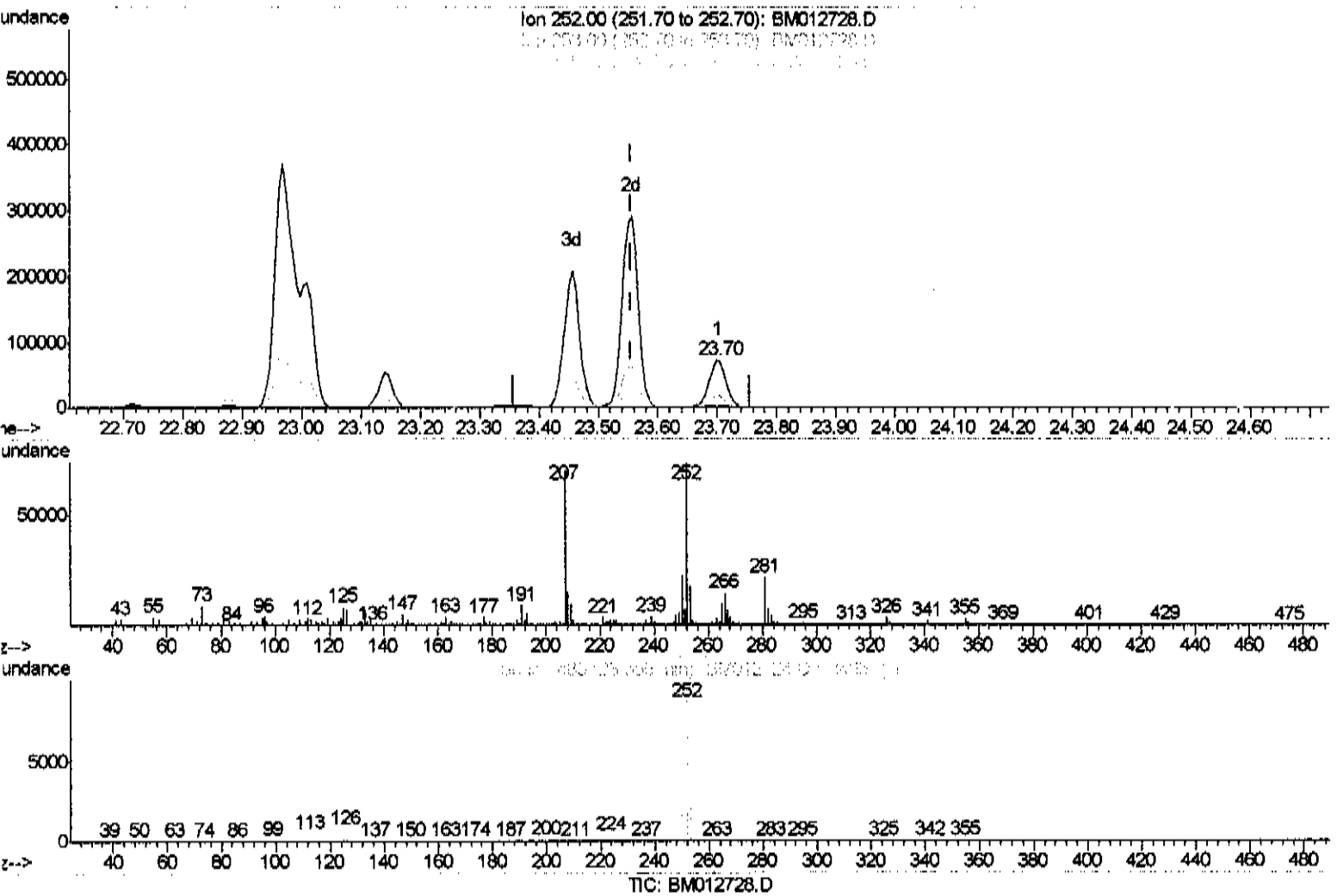
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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)

23.703min (+0.147) 3.83ng/ui

response 134295

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.48
125.00	11.30	11.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampled :

B-61(5-6)-101117

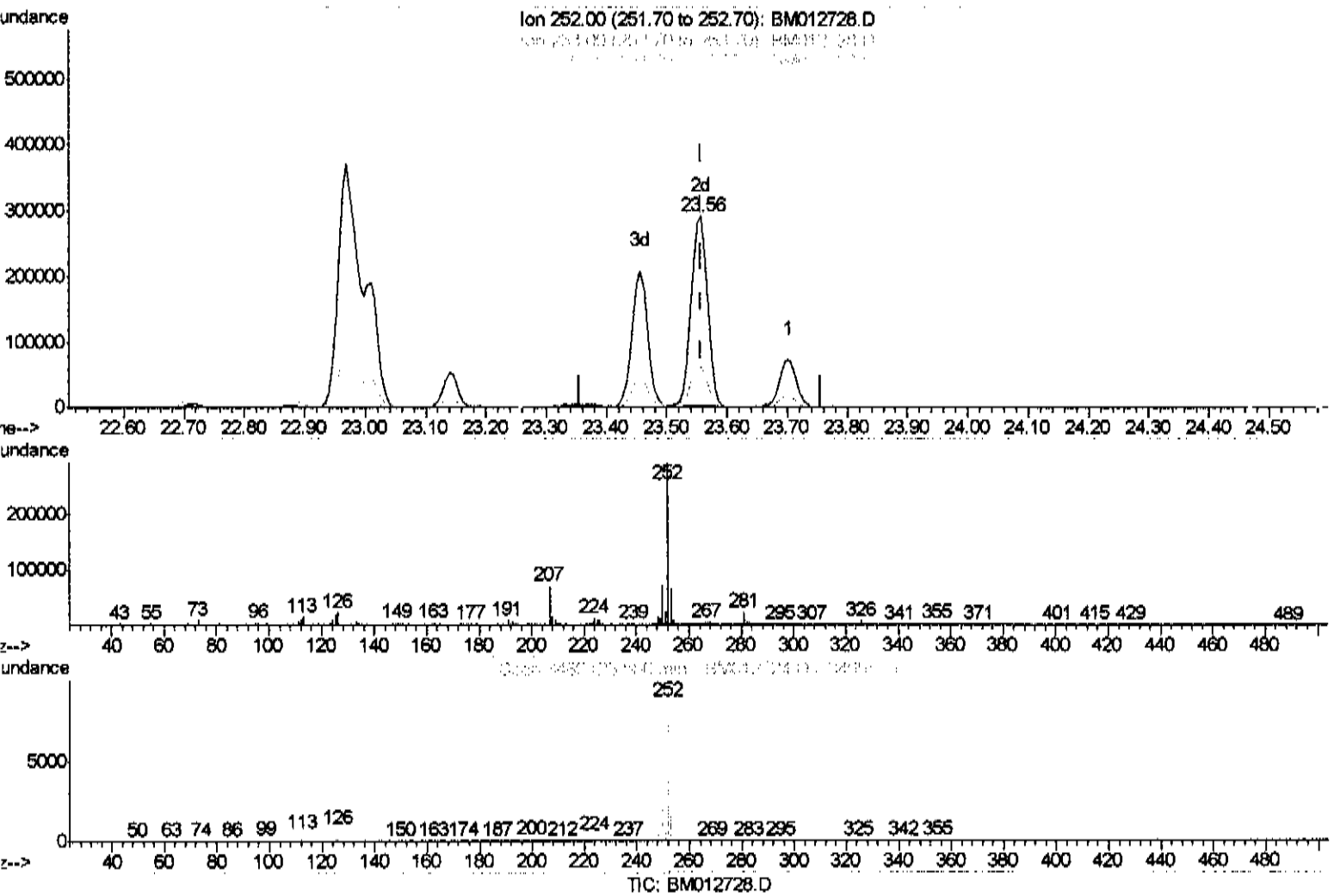
Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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)

23.556min (-0.000) 15.45ng/ul m

SJ 11/06/17

response 542014

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.19
125.00	11.30	6.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :

BNA_M

ClientSampleId :

B-61(5-6)-101117

Manual Integrations
APPROVED

Sohil

11/6/2017 4:24:03 PM

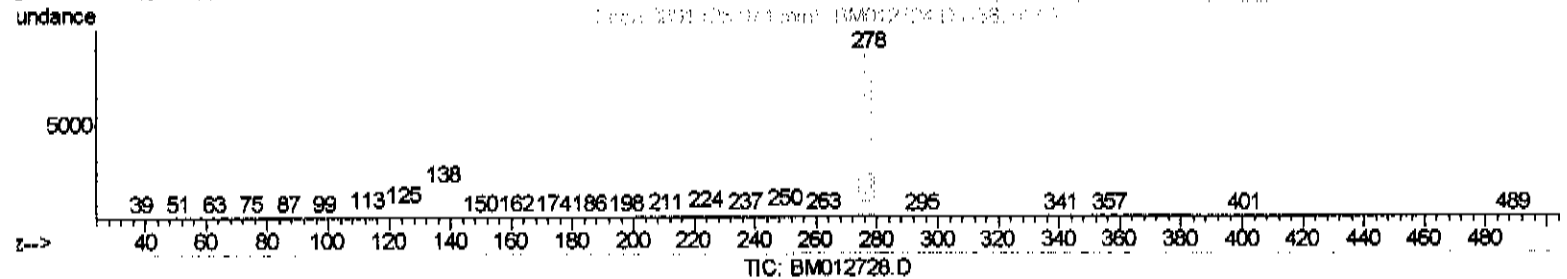
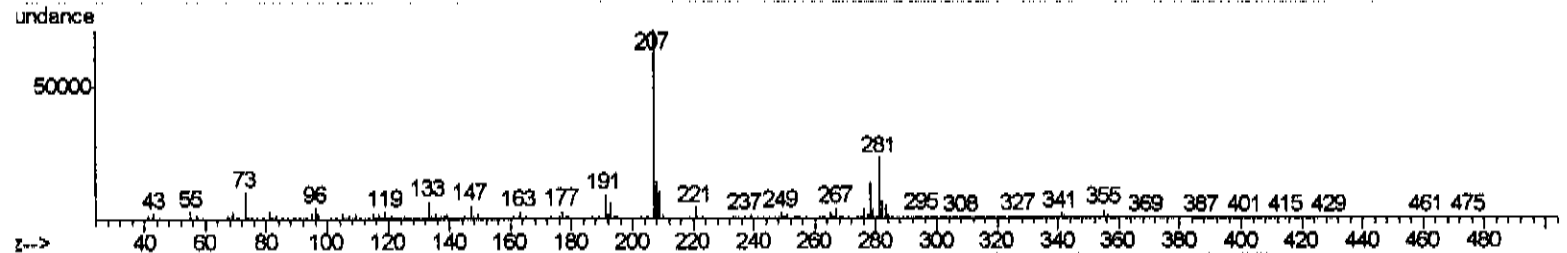
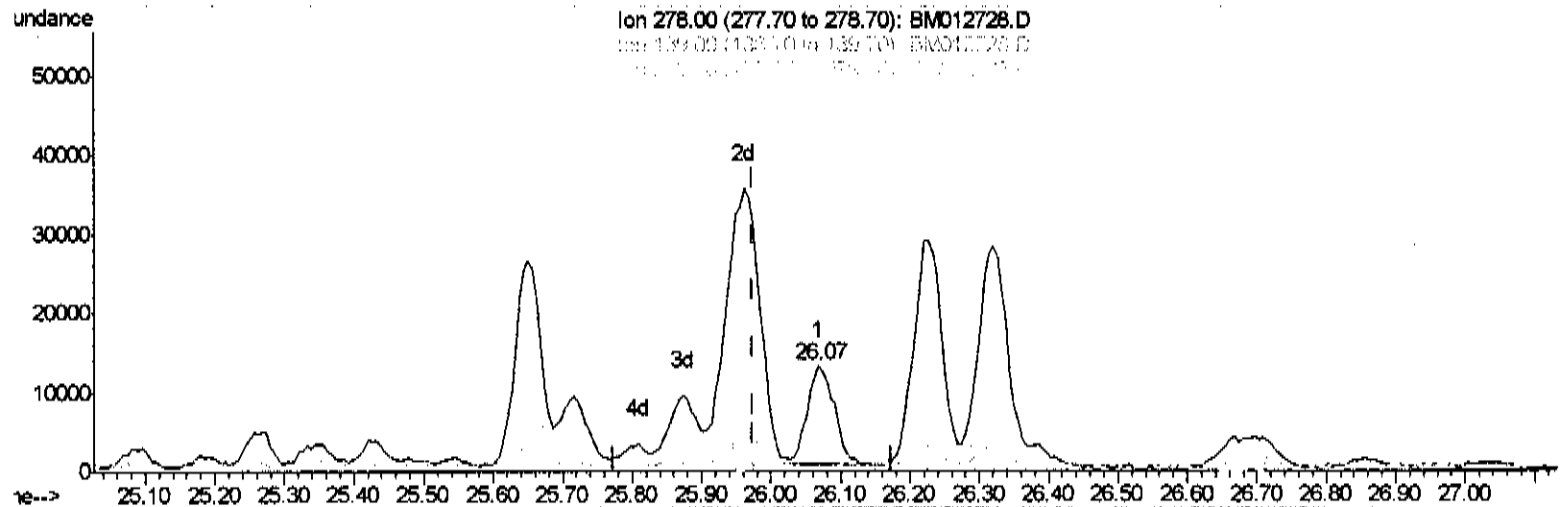
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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

Ion 278.00 (277.70 to 278.70): BM012728.D

Sum 139.00 (138.50 to 139.50): BM012728.D

Sum 279.00 (278.50 to 279.50): BM012728.D



TIC: BM012728.D

(92) Dibenzo(a,h)anthracene

26.068min (+0.094) 0.95ng/ul

response 34008

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	17.12
279.00	23.70	28.15
0.00	0.00	0.00

Quantitation Report (Qedit)

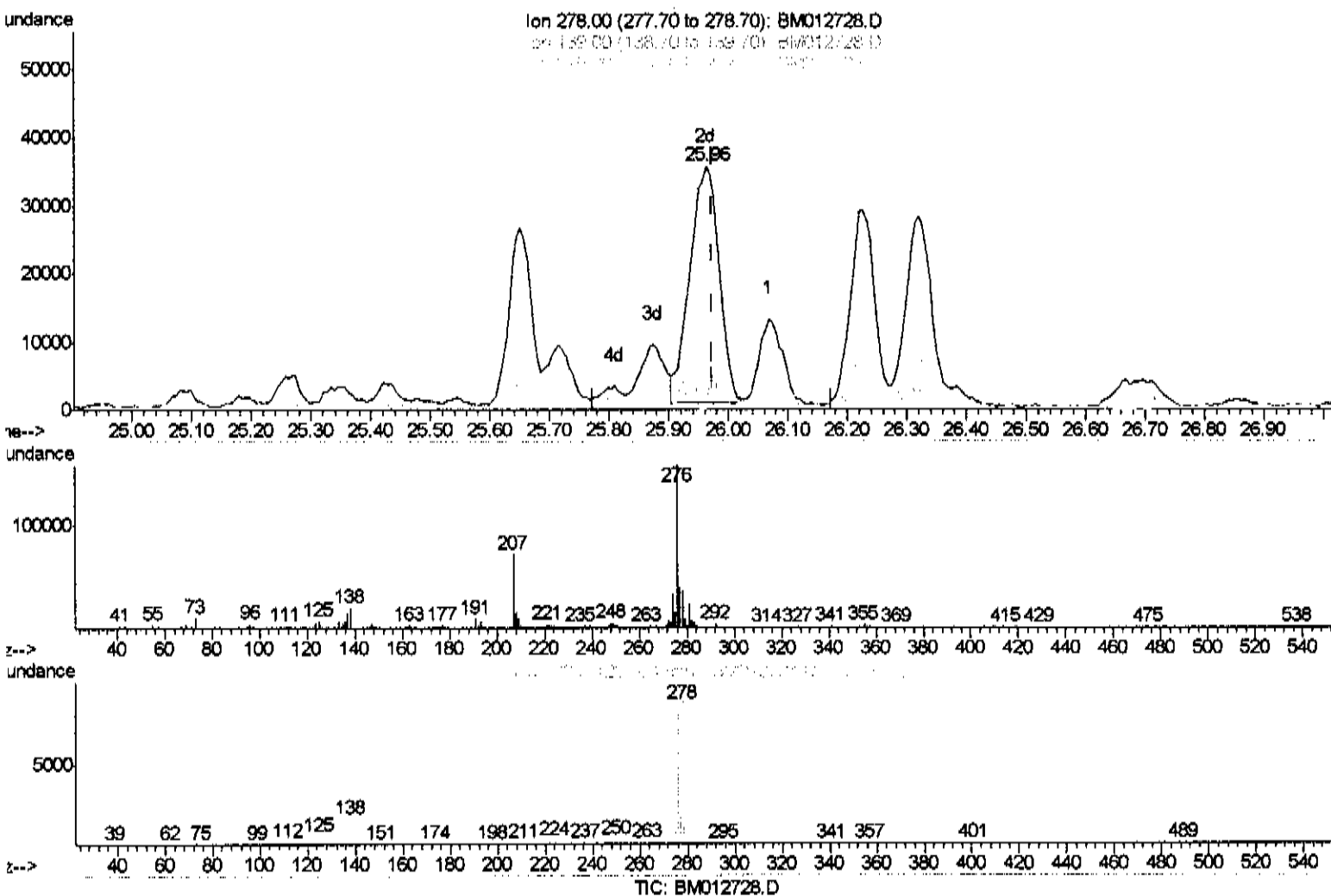
Instrument :
BNA_M
ClientSampleId :
B-61(5-6)-101117

Manual Integrations
APPROVED

Sohil
11/6/2017 4:24:03 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012728.D
Acq On : 05 Nov 2017 03:42
Operator : SJ/JU
Sample : I5825-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 06 04:11:00 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



(92) Dibenzo(a,h)anthracene

25.962min (-0.012) 3.30ng/ul m

response 118305

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	0.00#
279.00	23.70	26.07
0.00	0.00	0.00

SJ 11/06/17

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012728.D
 Acq On : 05 Nov 2017 03:42
 Operator : SJ/JU
 Sample : I5825-06
 Disc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 B-61(5-6)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:24:03 PM

Quant Time: Nov 06 04:12:38 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	7.81	152	101539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	388764	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	221986	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	475689	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	535418	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	603476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8611	4.58	ng/uL	0.00
5) Phenol-d5	6.99	99	187452	24.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	108033	26.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	165768	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	113382	17.39	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	81834	28.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	92208	28.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	172000	25.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	137348	21.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	512241	27.89	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	652638	28.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	50297	17.09	ng/ul	0.00
57) Fluorene-d10	15.44	176	441453	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	54388m	17.32	ng/ul	0.00
70) Anthracene-d10	17.29	188	606092	26.37	ng/ul	0.00
78) Pyrene-d10	19.58	212	726371	29.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	809268	28.36	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.01	94	17730	2.29	ng/ul#	89
44) Dimethylphthalate	13.90	163	77401	4.25	ng/ul	99
69) Phenanthrene	17.23	178	534065	20.54	ng/ul	99
71) Anthracene	17.33	178	79505	2.95	ng/ul	98
74) Carbazole	17.59	167	68756	3.06	ng/ul	98
75) Di-n-butylphthalate	18.16	149	197378	7.49	ng/ul	99
76) Fluoranthene	19.25	202	1113624	35.64	ng/ul#	92
79) Pyrene	19.62	202	903403	28.28	ng/ul#	91
82) Benzo(a)anthracene	21.36	228	534450	16.50	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	103765	6.11	ng/ul#	93
84) Chrysene	21.40	228	583262	19.86	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	831906	22.56	ng/ul#	96
88) Benzo(k)fluoranthene	23.01	252	252043m	7.19	ng/ul	—
90) Benzo(a)pyrene	23.56	252	542014m	15.45	ng/ul	—
91) Indeno(1,2,3-cd)pyrene	25.96	276	438335	10.36	ng/ul#	84
92) Dibenzo(a,h)anthracene	25.96	278	118305m	3.30	ng/ul	—
93) Benzo(a,h,i)perylene	26.67	276	378815	10.87	ng/ul#	89

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