

(QT Reviewed)

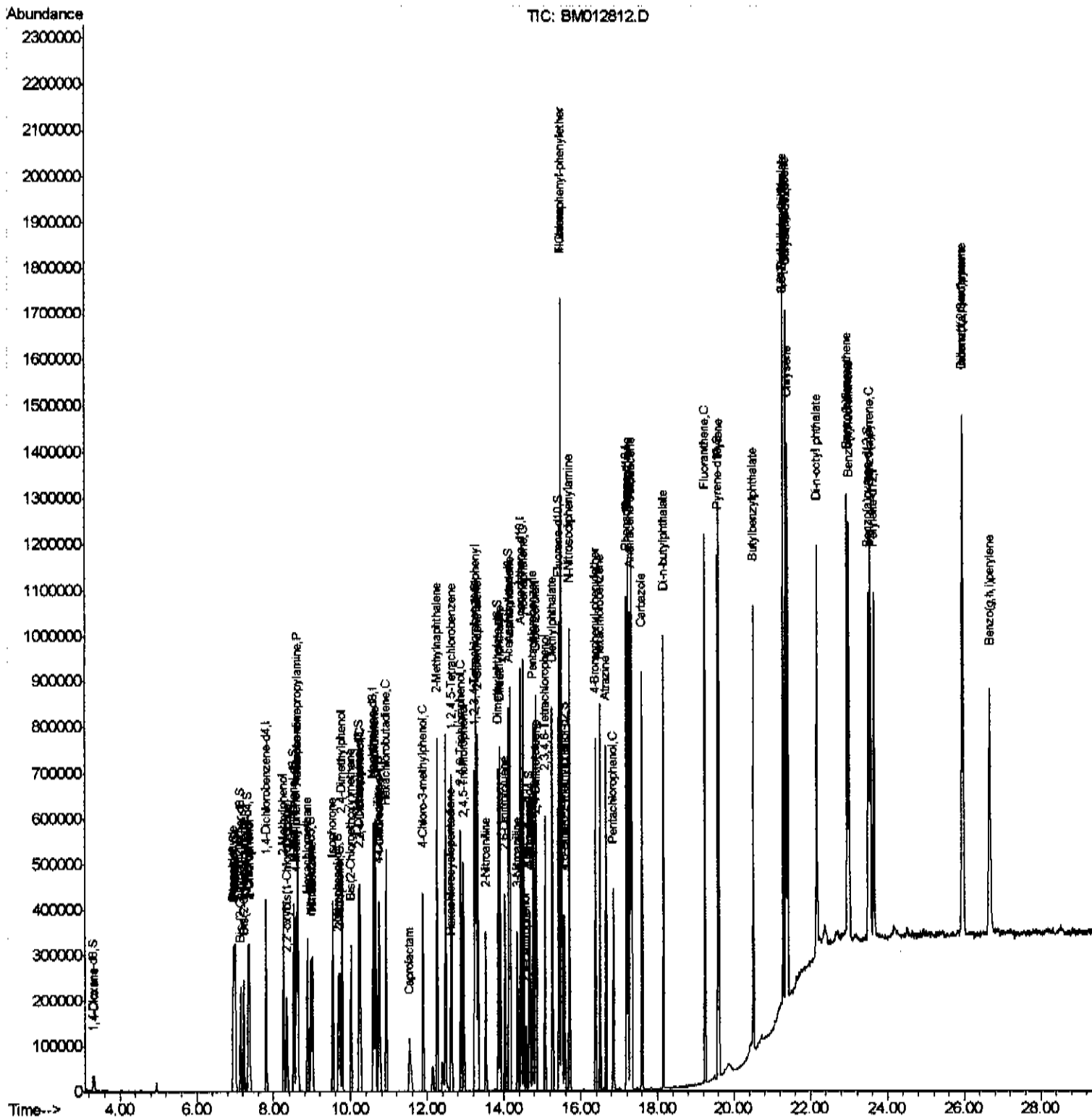
```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012812.D
Acq On    : 08 Nov 2017  01:02
Operator  : SJ/JU
Sample    : SSTDCCC020EC
Misc      :
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations APPROVED

Sohil
11/8/2017 5:38:40 PM

Quant Time: Nov 08 05:23:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
Olast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

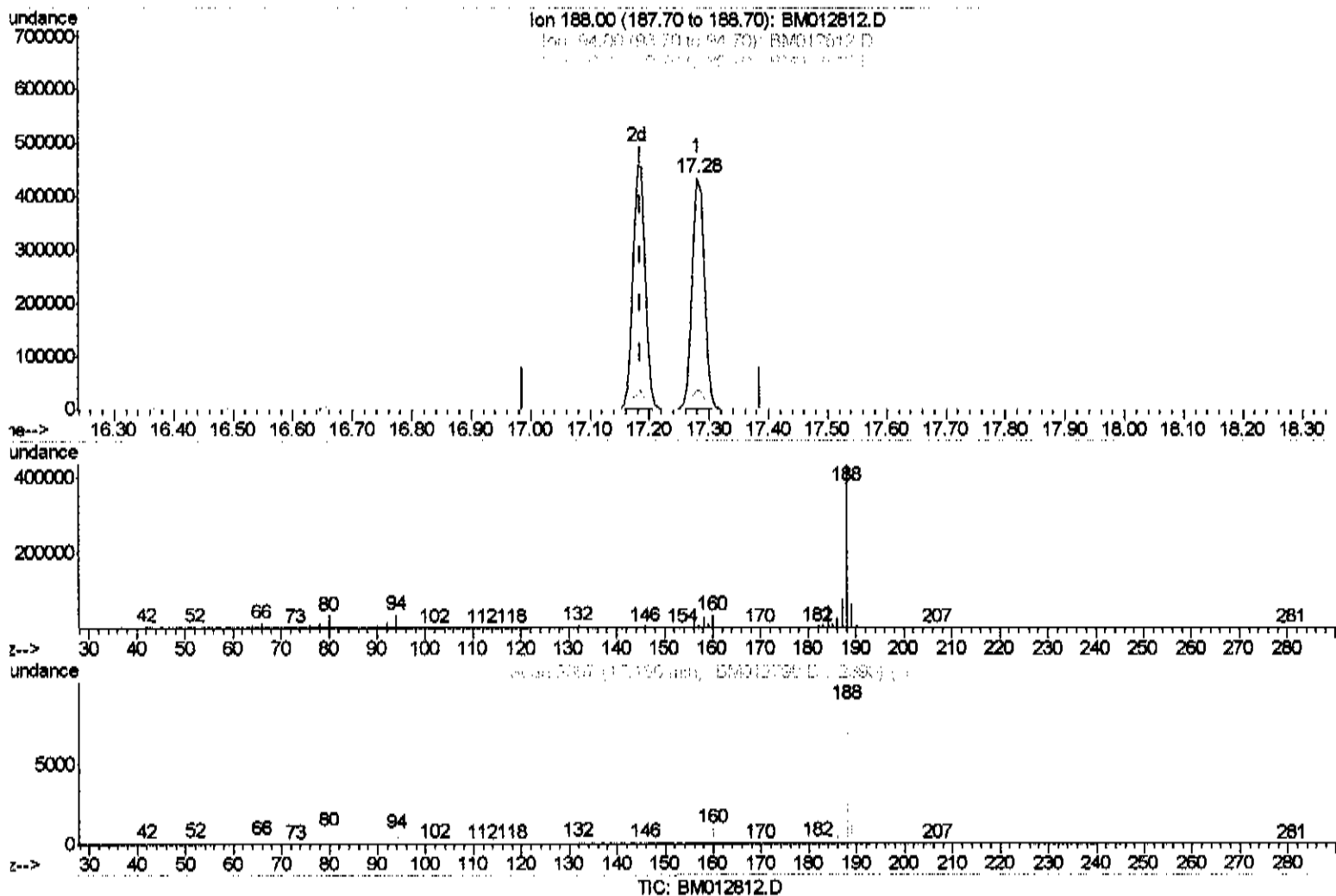
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012812.D
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Operator : SJ/JU
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:40 PM

Quant Time: Nov 08 01:58:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
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(61) Phenanthrene-d10 (I)

17.280min (+0.094) 20.00ng/ul

response 620242

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.57
80.00	9.70	8.11
0.00	0.00	0.00

Quantitation Report (Qedit)

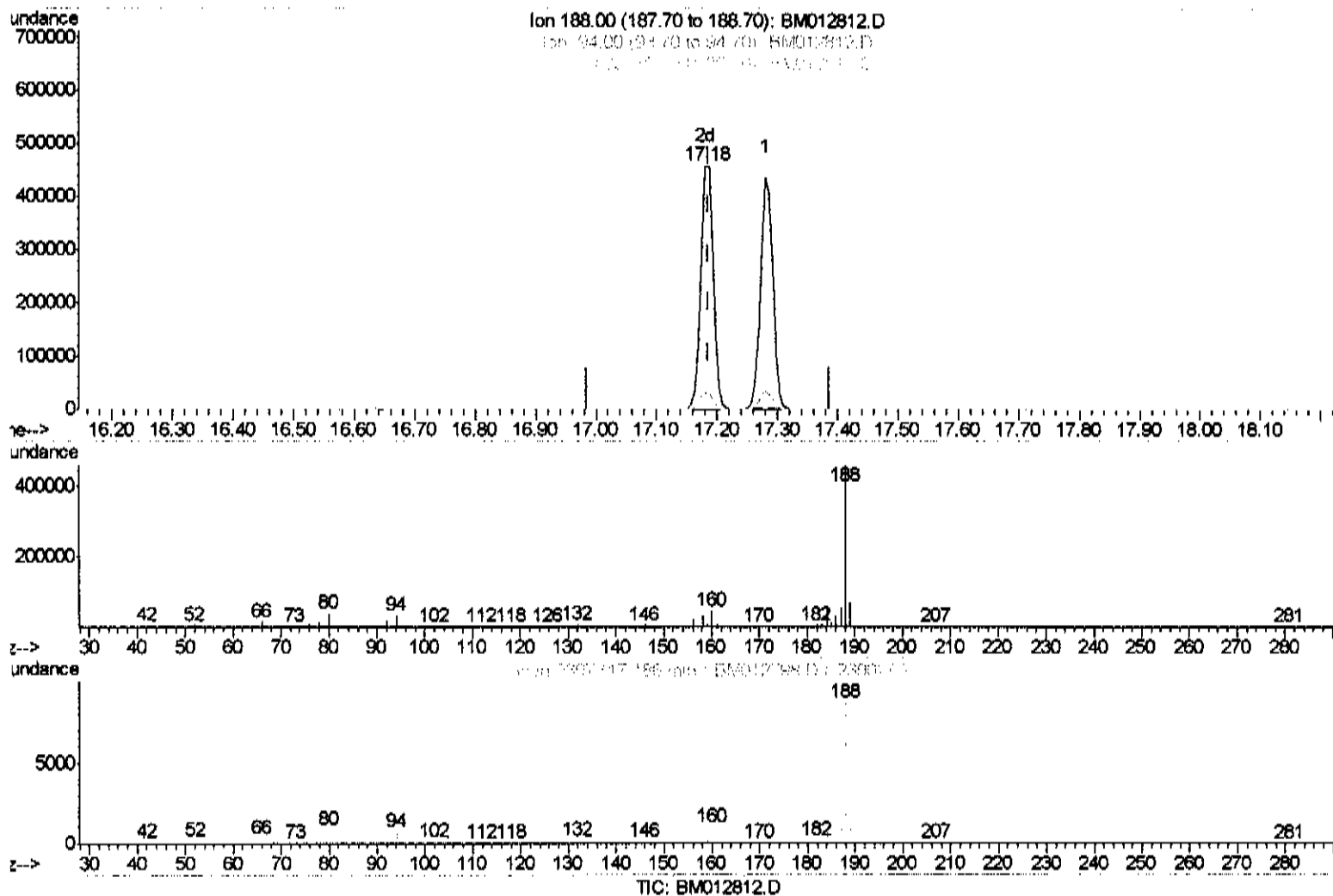
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 LabSampleId :
 SSTD02004

Manual Integrations
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Sohil
 11/8/2017 5:38:40 PM

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(61) Phenanthrene-d10 (I)

17.180min (-0.006) 20.00ng/ul m SJ 11/08/17

response 657104

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.05#
80.00	9.70	8.33
0.00	0.00	0.00

Quantitation Report (Qedit)

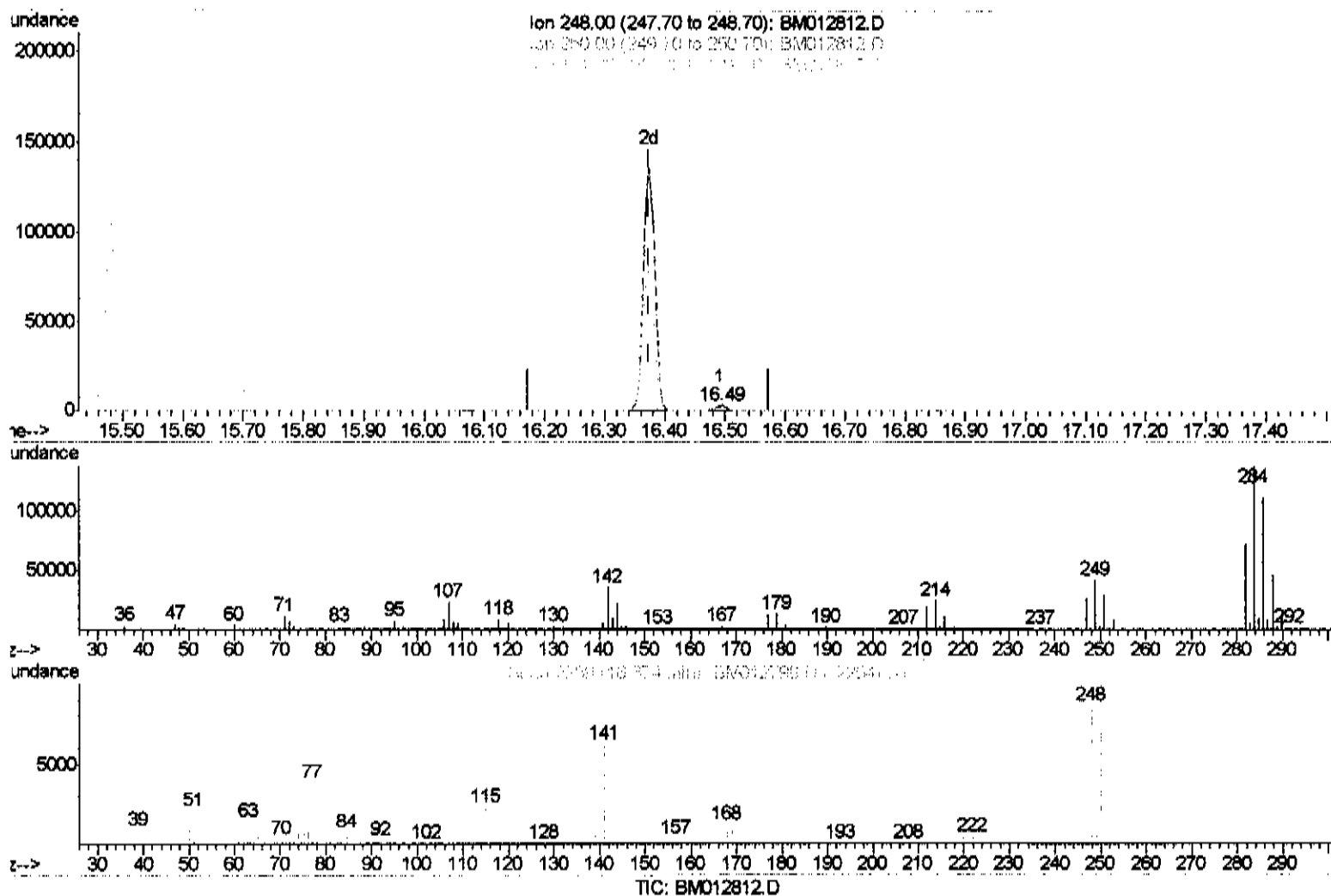
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012812.D
 Acq On : 08 Nov 2017 01:02
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 LabSampleId :
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Manual Integrations
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Quant Time: Nov 08 05:22:12 2017
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(65) 4-Bromophenyl-phenylether

16.492min (+0.117) 0.41ng/ul

response 3494

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	142.33#
141.00	90.20	228.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

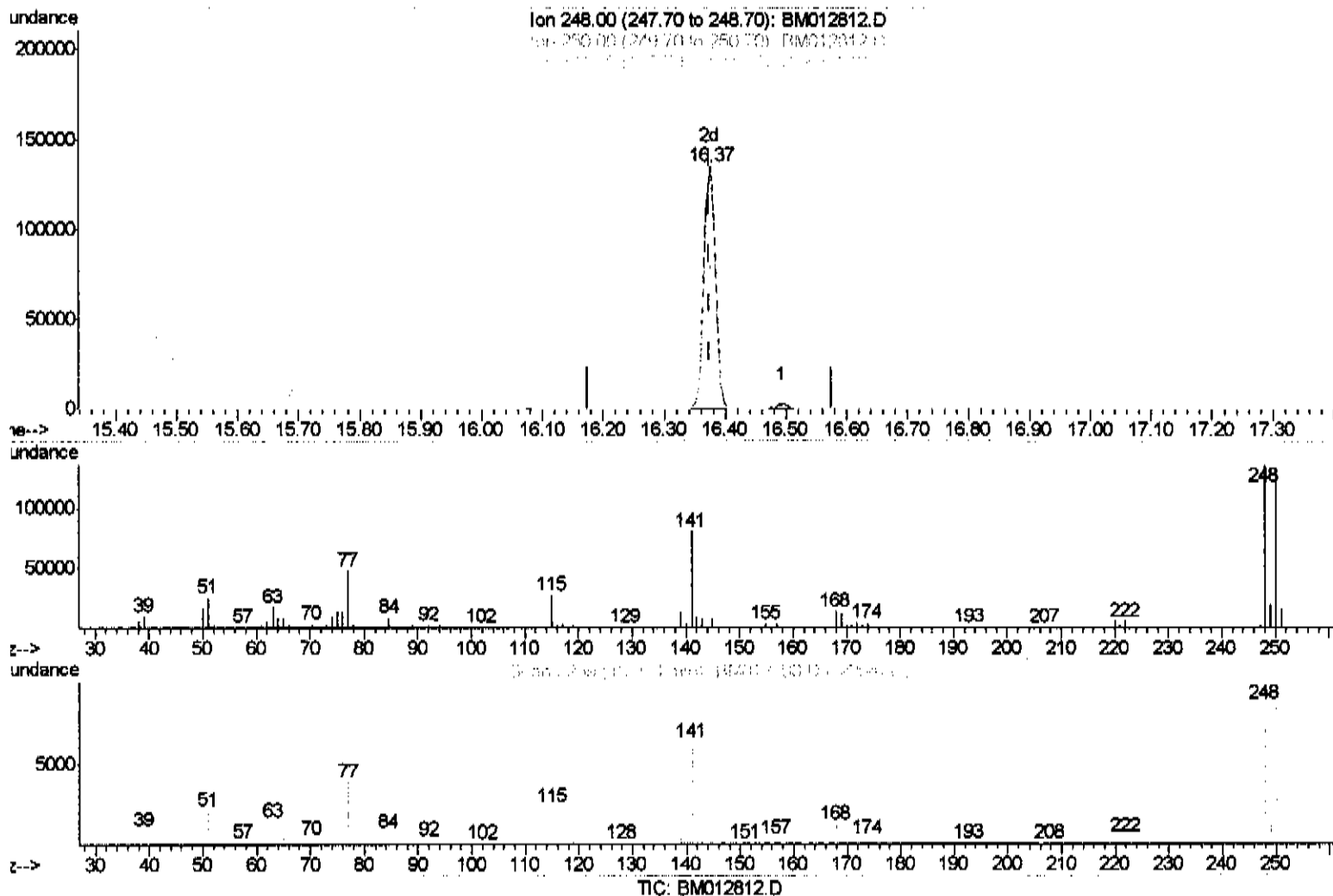
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012812.D
 Acq On : 08 Nov 2017 01:02
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleID :
 SSTD02004

Manual Integrations
 APPROVED

Sohil
 11/8/2017 5:38:40 PM

Quant Time: Nov 08 05:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(65) 4-Bromophenyl-phenylether

16.374min (-0.000) 20.65ng/ul m

SJ 11/08/17

response 176329

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	97.59
141.00	90.20	59.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

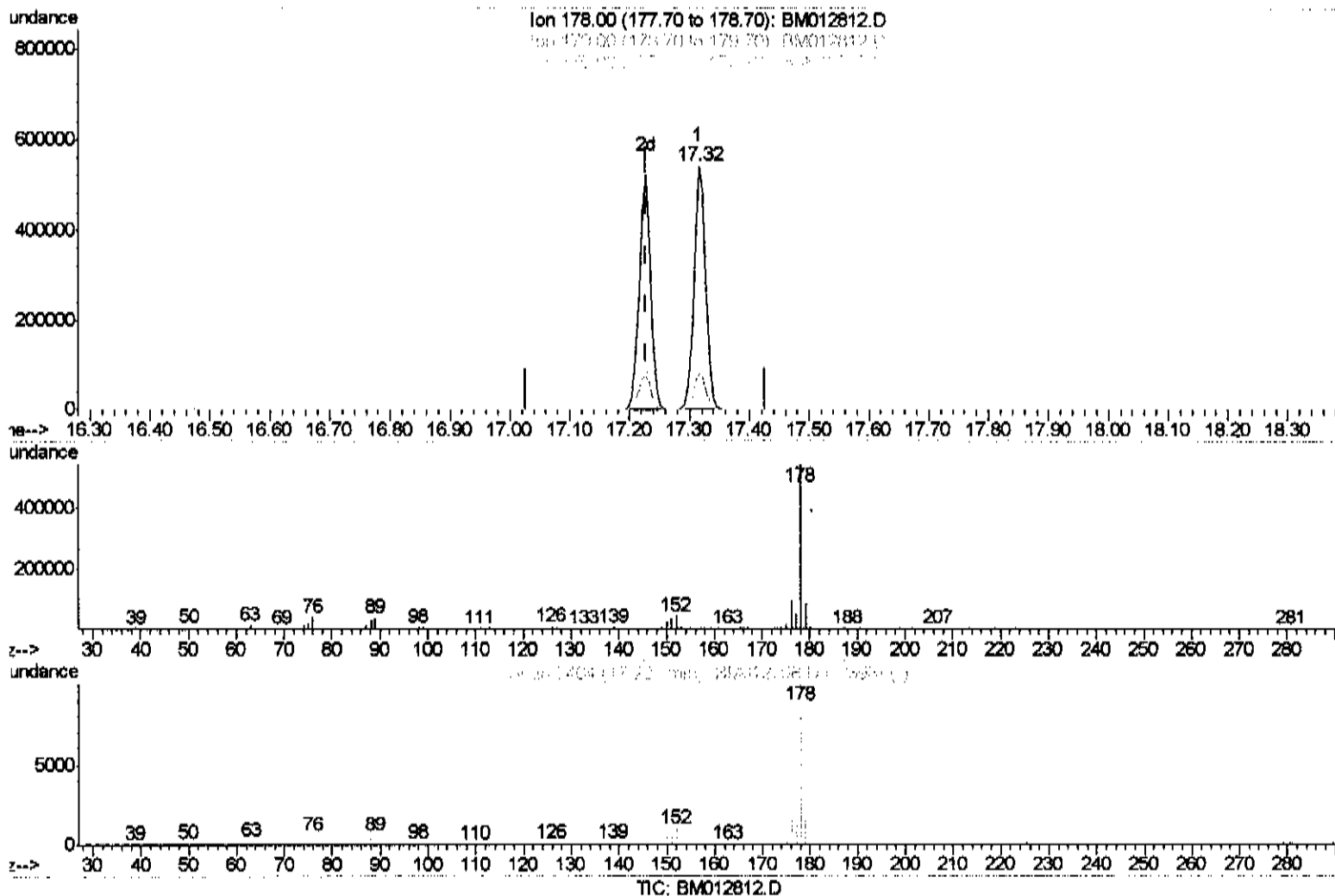
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012812.D
Acq On : 08 Nov 2017 01:02
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
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(69) Phenanthrene

17.315min (+0.088) 20.46ng/ul

response 734981

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.61
176.00	19.50	17.74
0.00	0.00	0.00

Quantitation Report (Qedit)

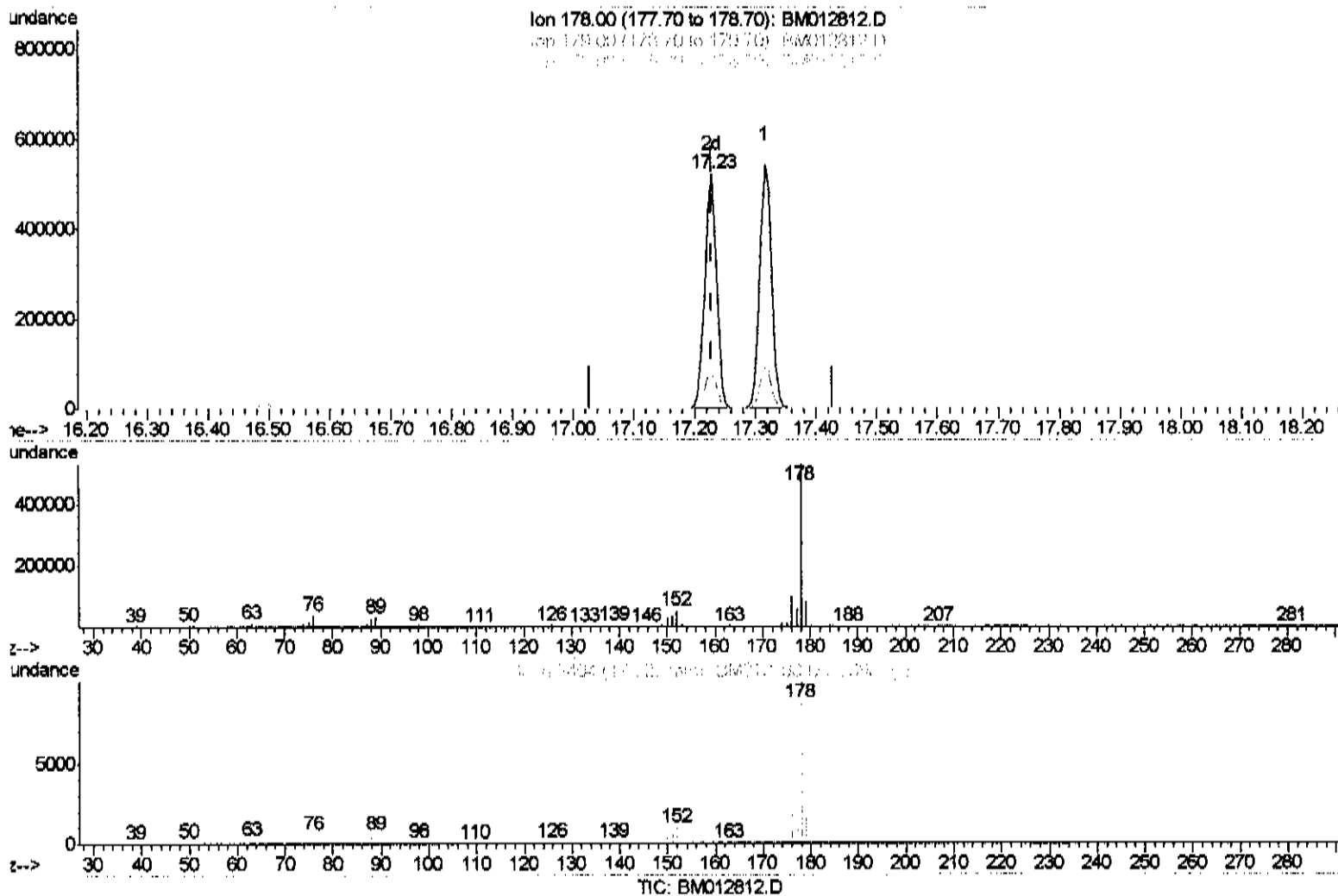
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012812.D
 Acq On : 08 Nov 2017 01:02
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02004

Manual Integrations
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Sohil
 11/8/2017 5:38:40 PM

Quant Time: Nov 08 05:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
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(69) Phenanthrene

17.227min (-0.000) 19.55ng/ul m

response 702245

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.12
176.00	19.50	18.62
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

Instrument :
BNA_M
LabSampled :
SSTD02004

Manual Integrations
APPROVED

Sohil
11/8/2017 5:38:40 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012812.D
Acq On : 08 Nov 2017 01:02
Operator : SJ/JU
Sample : SSTDC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 08 05:23:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
Last Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	119062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	495613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	305646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	657104m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	568825	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	589494	20.00	ng/ul	0.00

- SJ 11/08/17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	16606	7.53	ng/uL	0.00
5) Phenol-d5	6.97	99	176643	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	95593	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	149644	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	157389	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	72089	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	84814	20.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	172809	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	192417	23.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	487712	19.28	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	624473	19.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	70729	17.45	ng/ul	0.00
57) Fluorene-d10	15.43	176	410955	18.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	66303	15.28	ng/ul	0.00
70) Anthracene-d10	17.28	188	620242	19.54	ng/ul	0.00
78) Pyrene-d10	19.57	212	582828	22.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	542937	19.48	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.32	88	17969	7.26	ng/uL 96
4) Benzaldehyde	6.95	77	110771	23.51	ng/ul 97
6) Phenol	7.00	94	182614	20.08	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.23	93	139081	20.40	ng/ul 98
10) 2-Chlorophenol	7.37	128	152464	20.06	ng/ul 98
11) 2-Methylphenol	8.25	108	140921	20.36	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	121369	21.55	ng/ul 96
14) Acetophenone	8.62	105	231315	20.10	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.61	70	114039	20.62	ng/ul 98
16) 4-Methylphenol	8.57	108	155342	20.68	ng/ul 100
17) Hexachloroethane	8.87	117	59863	19.56	ng/ul# 74
20) Nitrobenzene	9.00	77	165935	19.25	ng/ul 99
21) Isophorone	9.53	82	309759	19.96	ng/ul 99
23) 2-Nitrophenol	9.71	139	91427	20.27	ng/ul 97
24) 2,4-Dimethylphenol	9.77	107	180879	19.71	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.00	93	192614	19.91	ng/ul 100
27) 2,4-Dichlorophenol	10.25	162	168168	20.09	ng/ul 97
28) Naphthalene	10.64	128	491384	19.83	ng/ul 100
30) 4-Chloroaniline	10.75	127	196696	23.60	ng/ul 98
31) Hexachlorobutadiene	10.92	225	123054	18.69	ng/ul 97
32) Caprolactam	11.53	113	47522	20.18	ng/ul 96
33) 4-Chloro-3-methylphenol	11.88	107	164289	20.18	ng/ul 94
34) 2-Methylnaphthalene	12.25	142	375716	19.84	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	231649	19.58	ng/ul#	97
37) Hexachlorocyclopentadiene	12.60	237	42680	7.08	ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	148550	19.87	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	153802	19.72	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	496718	19.65	ng/ul	98
41) 2-Chloronaphthalene	13.31	162	392533	19.65	ng/ul	94
42) 2-Nitroaniline	13.52	65	91129	19.31	ng/ul	99
44) Dimethylphthalate	13.89	163	489242	19.49	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	100755	20.05	ng/ul	98
47) Acenaphthylene	14.16	152	597350	19.70	ng/ul	99
48) 3-Nitroaniline	14.34	138	93388	22.04	ng/ul	98
49) Acenaphthene	14.50	153	402359	19.48	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	39266	12.51	ng/ul	89
52) 4-Nitrophenol	14.67	109	59169	16.55	ng/ul	97
53) Dibenzofuran	14.84	168	583507	19.37	ng/ul	91
54) 2,4-Dinitrotoluene	14.82	165	143279	19.39	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	136939	18.91	ng/ul#	84
56) Diethylphthalate	15.26	149	463346	19.01	ng/ul	98
58) Fluorene	15.49	166	477774	19.09	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.48	204	262087	18.85	ng/ul#	87
60) 4-Nitroaniline	15.52	138	98565	19.99	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.58	198	73063	16.00	ng/ul	93
64) N-Nitrosodiphenylamine	15.70	169	415676	20.95	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	176329m -	20.65	ng/ul	-
66) Hexachlorobenzene	16.49	284	194279	20.16	ng/ul#	84
67) Atrazine	16.65	200	158536	20.02	ng/ul	96
68) Pentachlorophenol	16.84	266	92198	16.74	ng/ul	99
69) Phenanthrene	17.23	178	702245m -	19.55	ng/ul	-
71) Anthracene	17.32	178	734250	19.72	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	226592	21.10	ng/uL	97
73) Pentachlorobenzene	14.76	250	227077	20.66	ng/uL	99
74) Carbazole	17.59	167	589672	18.99	ng/ul	98
75) Di-n-butylphthalate	18.14	149	725712	19.94	ng/ul	100
76) Fluoranthene	19.24	202	750535	17.39	ng/ul#	95
79) Pyrene	19.60	202	758752	22.36	ng/ul#	94
80) Butylbenzylphthalate	20.50	149	273658	22.11	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.28	252	232863	18.51	ng/ul#	96
82) Benzo(a)anthracene	21.35	228	672993	19.55	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.27	149	384760	21.34	ng/ul#	96
84) Chrysene	21.40	228	606215	19.43	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	612743	19.76	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	707992	19.65	ng/ul#	96
88) Benzo(k)fluoranthene	23.00	252	646178	18.87	ng/ul#	96
90) Benzo(a)pyrene	23.54	252	671627	19.59	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.95	276	847426	20.51	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.96	278	714217	20.42	ng/ul#	93
93) Benzo(a,h,i)perylene	26.66	276	704259	20.69	ng/ul#	91

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