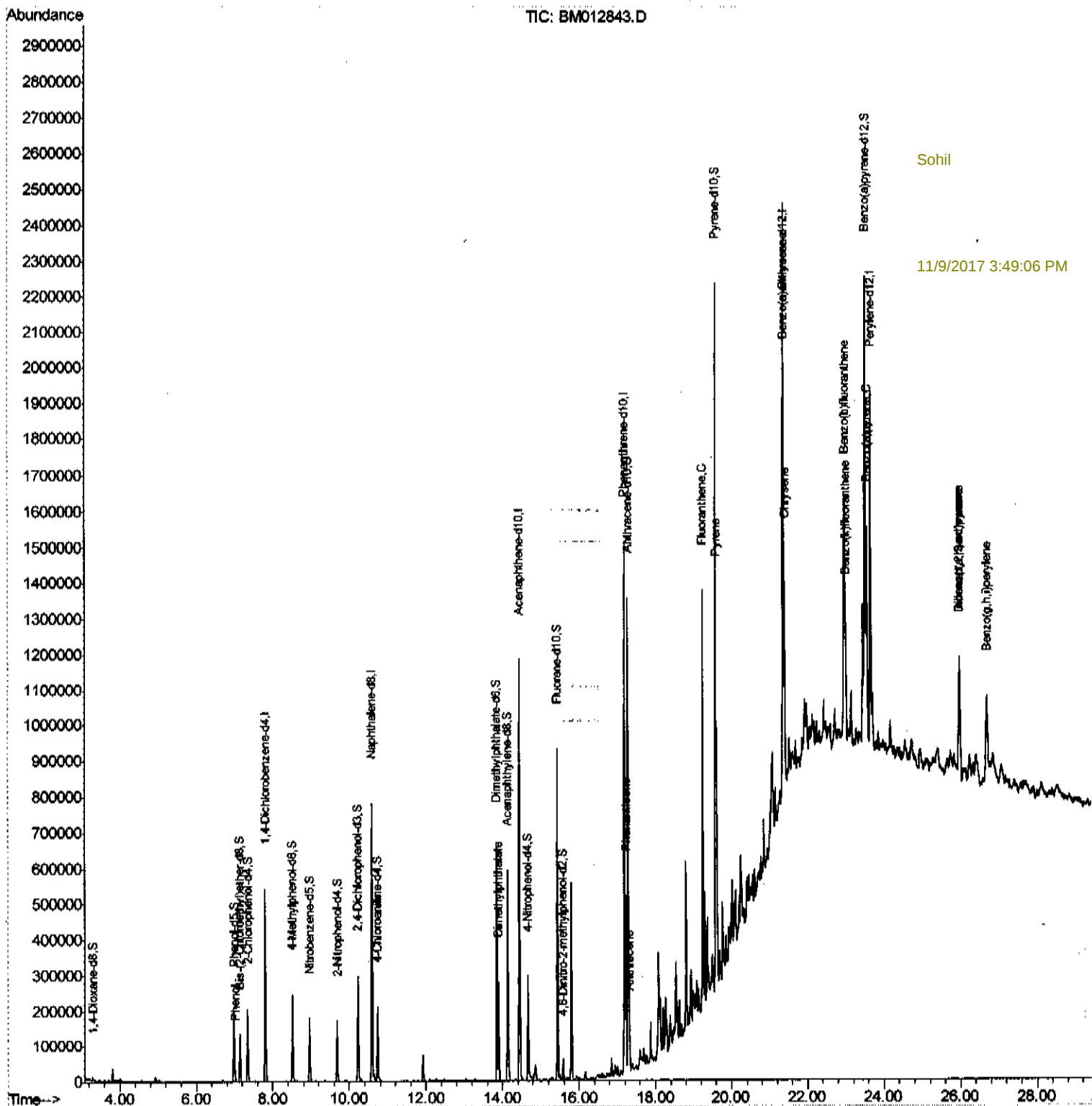


Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

Manual Integrations
 APPROVED

Quant Time: Nov 09 10:20:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

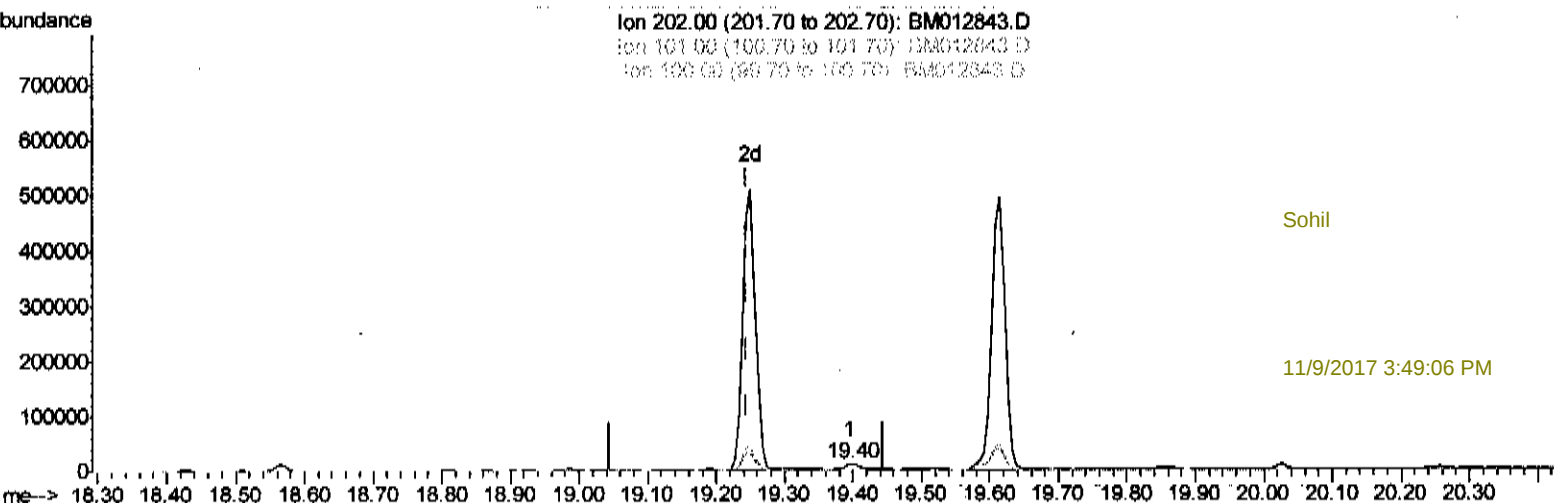


Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

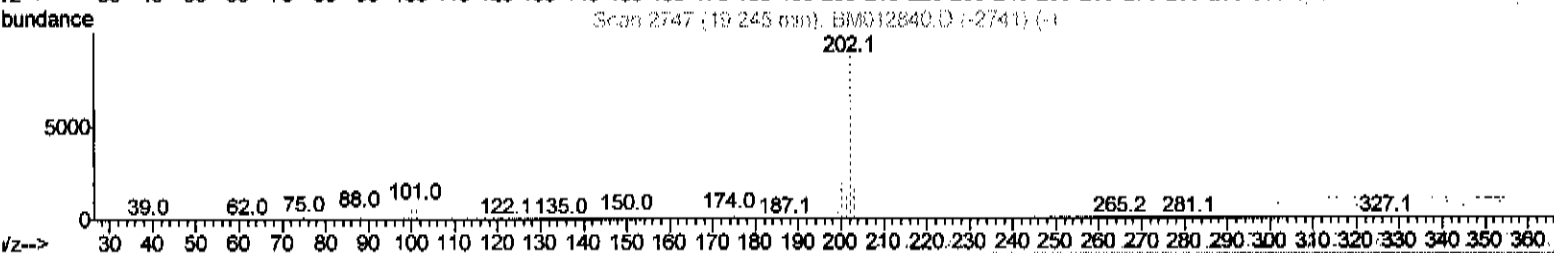
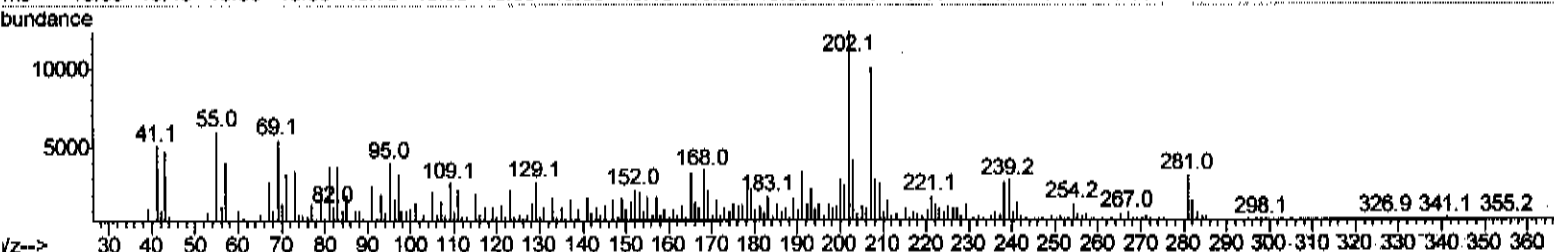
Manual Integrations
 APPROVED

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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TIC: BM012843.D

(76) Fluoranthene (C)

19.398min (+0.153) 0.29ng/ul

response 16194

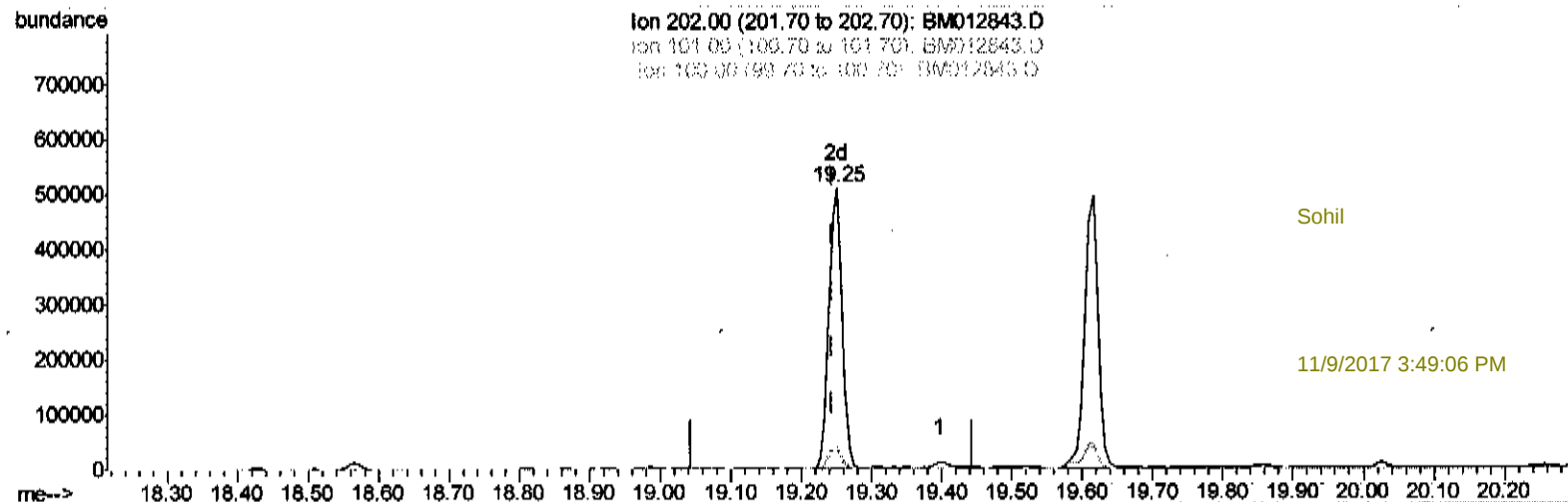
Ion	Exp%	Act%
202.00	100	100
101.00	11.00	11.97
100.00	8.20	8.32
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

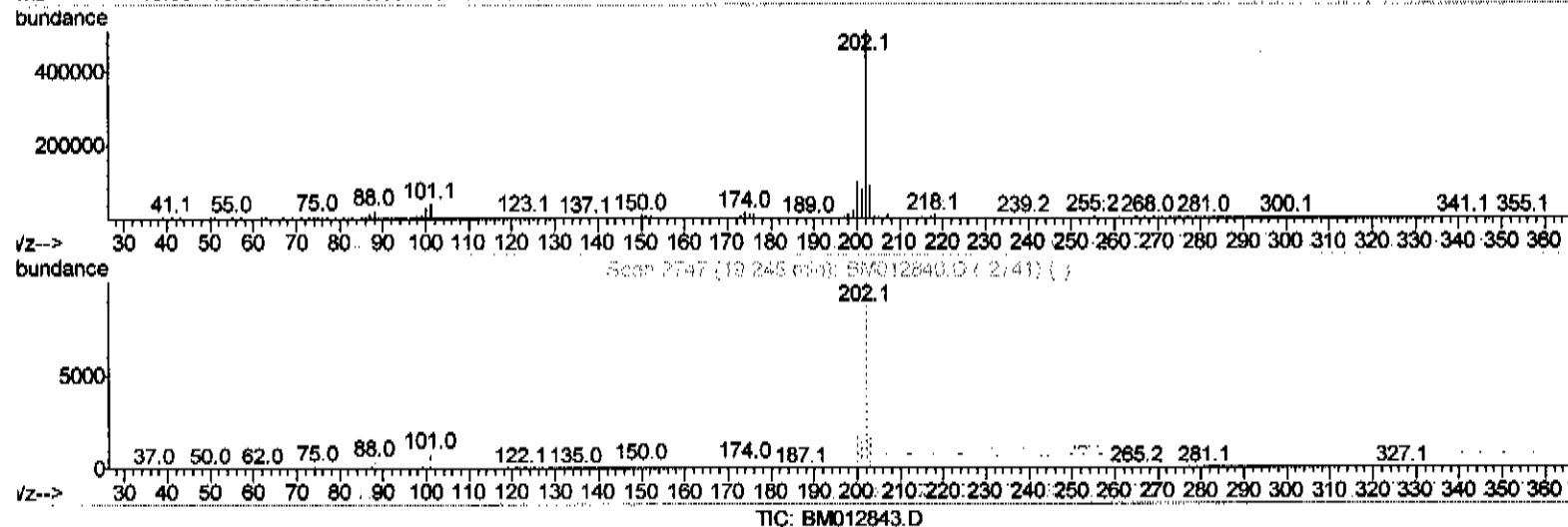
Manual Integrations
 APPROVED

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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TIC: BM012843.D

(76) Fluoranthene (C)

19.250min (+0.006) 11.88ng/ul m

response 666195

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.22#
100.00	8.20	6.57
0.00	0.00	0.00

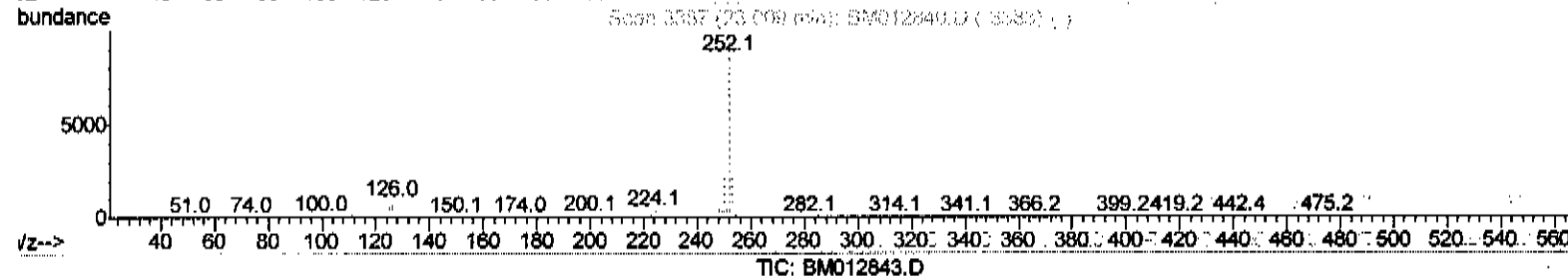
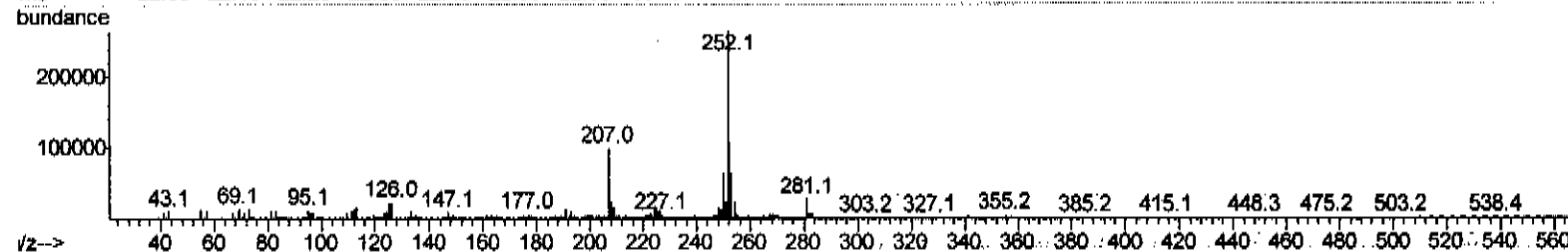
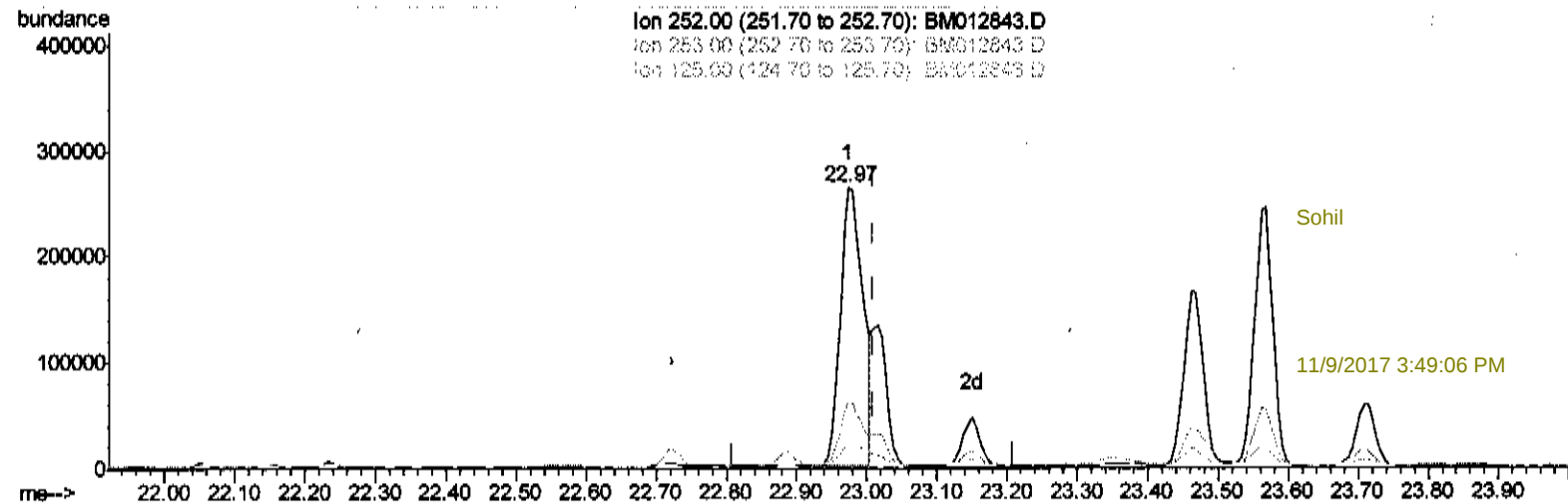
SS 11/13/17

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

Manual Integrations
 APPROVED

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

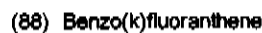
22.974min (-0.035) 13.34ng/ui

response 589597

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.89
125.00	10.20	8.19
0.00	0.00	0.00

Instrument :
BNA_M
ClientSampleId :
B-76(1-3)-102317

Quant Time: Nov 09 10:09:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration



response 192477

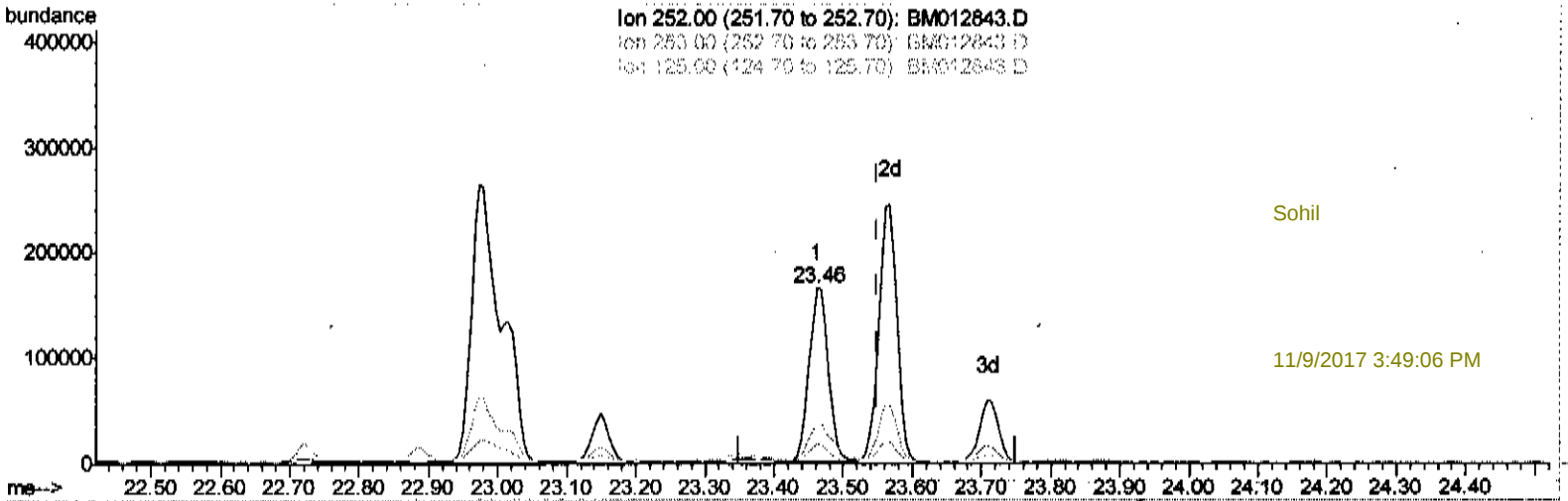
Ion	Exp%	Act%
252.00	100	100
253.00	21.60	24.12
125.00	10.20	9.68
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Aca On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

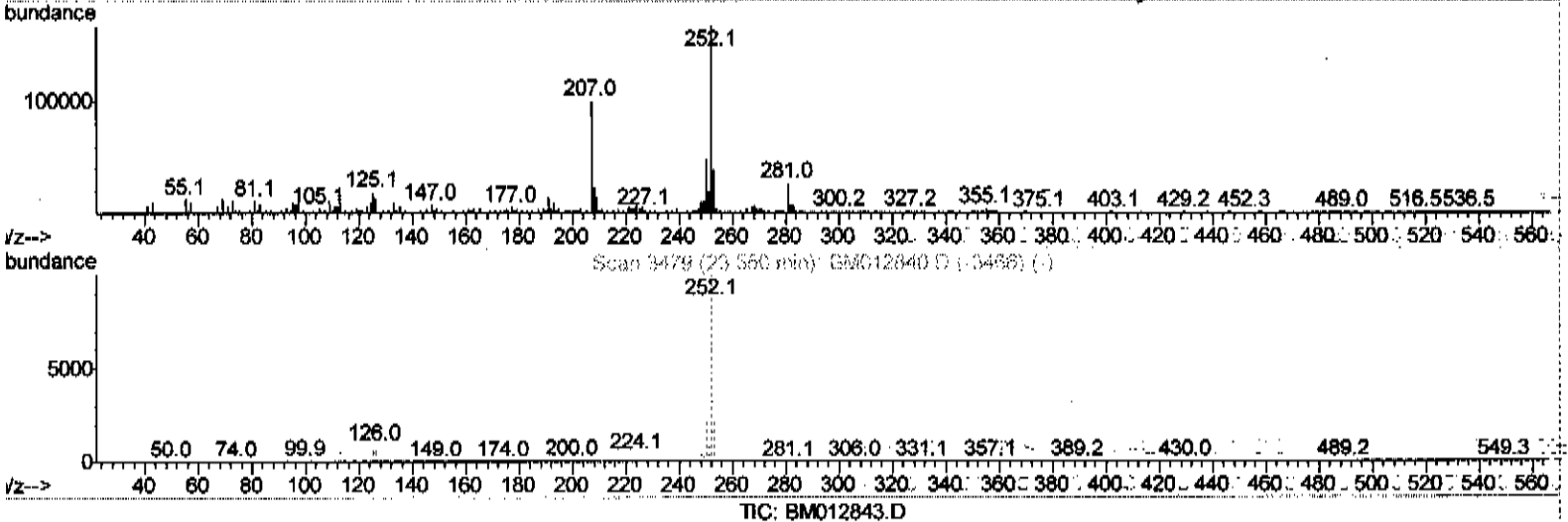
Manual Integrations
 APPROVED

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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(90) Benzo(a)pyrene (C)

23.462min (-0.088) 7.20ng/ul

response 318574

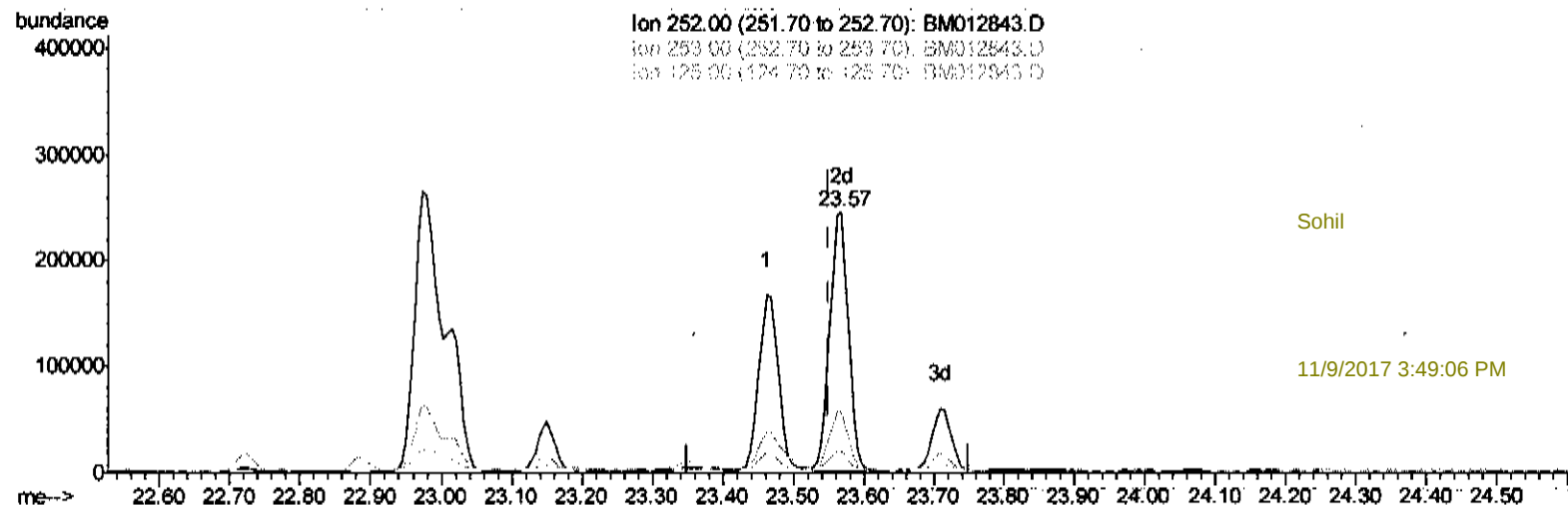
Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.40
125.00	11.30	11.46
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012843.D
 Acq On : 09 Nov 2017 08:31
 Operator : SJ/JU
 Sample : I6096-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-76(1-3)-102317

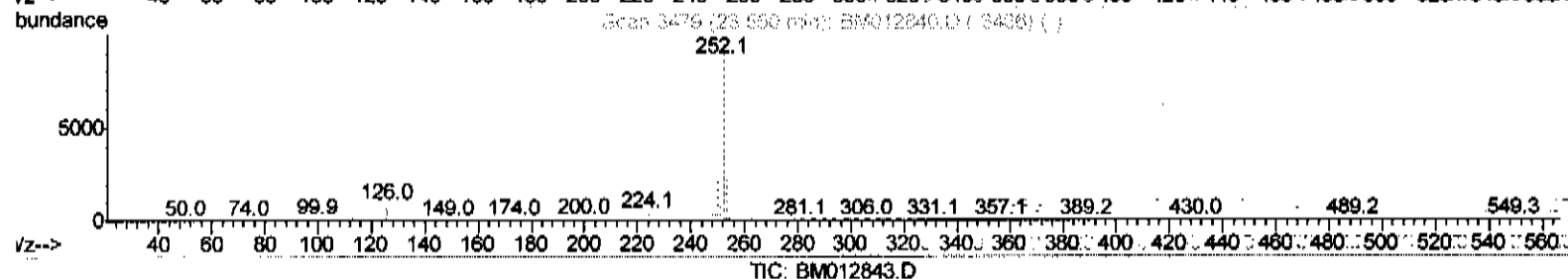
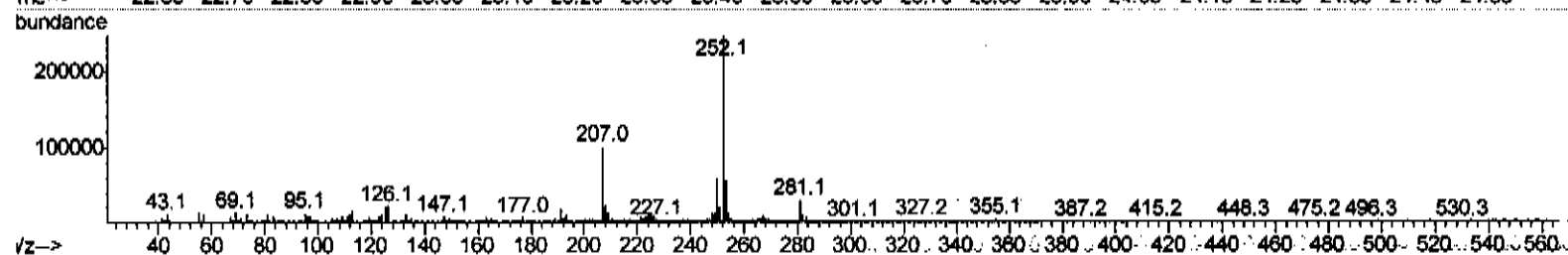
Manual Integrations
 APPROVED

Quant Time: Nov 09 10:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration



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(90) Benzo(a)pyrene (C)

23.568min (+0.018) 9.98ng/ul m

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response 441369

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.77
125.00	11.30	8.51#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\EM110817\
Data File : EM012843.D
Acq On : 09 Nov 2017 08:31
Operator : SJ/JU
Sample : I6096-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-76(1-3)-102317

Manual Integrations
APPROVED

Quant Time: Nov 09 10:20:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 05:48:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	151668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	637442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	390727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	853465	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	690061	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	760780	20.00	ng/ul	0.01

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Svstem Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	5116	1.82	ng/uL	0.00
5) Phenol-d5	6.98	99	121355	10.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	60686	9.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	98445	10.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	96995	9.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	46825	9.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	59670	11.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	124576	11.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	118786	11.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	452372	13.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	436139	10.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	89828	17.34	ng/ul	0.00
57) Fluorene-d10	15.44	176	364471	13.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	13968	2.48	ng/ul	0.00
70) Anthracene-d10	17.29	188	778652	18.88	ng/ul	0.00
78) Pyrene-d10	19.59	212	904568	28.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	933186	25.94	ng/ul	0.01

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Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
6) Phenol	7.01	94	12610	1.089	ng/ul#	91	
44) Dimethylphthalate	13.90	163	180153	5.615	ng/ul	98	
69) Phenanthrene	17.23	178	305205	6.543	ng/ul	99	
71) Anthracene	17.32	178	67055	1.386	ng/ul	99	
76) Fluoranthene	19.25	202	666195m	11.884	ng/ul	99	
79) Pvrene	19.62	202	659194	16.011	ng/ul#	92	
82) Benzo(a)anthracene	21.36	228	362481	8.681	ng/ul	96	
84) Chrysene	21.41	228	368682	9.742	ng/ul	97	
87) Benzo(b)fluoranthene	22.97	252	589597	12.682	ng/ul#	95	
88) Benzo(k)fluoranthene	23.01	252	192477m	4.355	ng/ul	95	
90) Benzo(a)pyrene	23.57	252	441369m	9.977	ng/ul	95	
91) Indeno(1,2,3-cd)pyrene	25.98	276	354936	6.657	ng/ul#	86	
92) Dibenzo(a,h)anthracene	25.98	278	92982	2.060	ng/ul#	88	
93) Benzo(g,h,i)perylene	26.69	276	317854	7.235	ng/ul#	90	

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